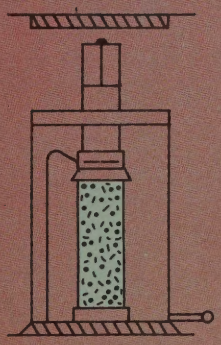
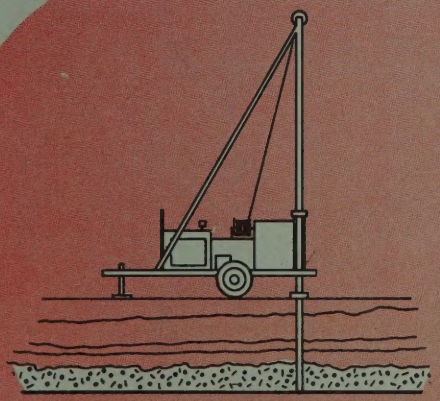
is this recorded?

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

SOIL MECHANICS BUREAU





MARS, MANAGEMENT, ACCOUNTING AND REPORTING SYSTEM PROGRAM

JUNE 1986

SM 238b (1/73)

MANAGEMENT, ACCOUNTING AND REPORTING SYSTEM PROGRAM

NEW YORK STATE

DEPARTMENT OF TRANSPORTATION

SOIL MECHANICS BUREAU

ROADWAY FOUNDATION SECTION

MANAGEMENT, ACCOUNTING AND REPORTING SYSTEM PROGRAM

Version 1.00, JUNE 1986

A DBASE III program

developed by:

Richard Garrabrant, Assistant Soils Engineer

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NYSDOT
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50 Wolf Road, POD 34
Albany, New York 12232

I. INTRODUCTION

A) ABSTRACT

This manual provides assistance to users running the MARS, "Management, Accounting and Reporting System Program". MARS is a management reporting system which utilizes dBASE III software. The program organizes pertinent information for all design projects. This data base includes the project name, PIN, designers name, important dates and manpower expenditures on each job. This program is written for use on an IBM PC-AT microcomputer.

I. B) PROGRAM DESCRIPTION AND HARDWARE REQUIREMENTS

PROGRAM NAME: MARS, "Management, Accounting and Reporting System"

DESCRIPTION: The program is two fold. The first part revolves around design project information. This information consists of the project description, P.I.N., senior and designers names, pertinent dates and design information required to effectively manage a design project.

The second part of the program tracks project man-hours expended each pay period by each designer in the section. Project man-hours are entered into the computer directly from the employees timesheet.

AUTHOR: Richard Garrabrant, Assistant Soils Engineer

DATE: June 1986

OPERATING SYSTEM: DOS 3.0

PROGRAM LANGUAGE: dBASE III

HARDWARE: IBM PC-AT, 512 KB system memory, 2 disk drives, monitor and printer.

II. GETTING STARTED

A) TURNING THE SYSTEM ON

Procedure to turn on the computer system and load the dBASE III program.

1) Unlock the system unit.
2) Turn the printer on. A rocker type switch is located on the back left side above the power cord.
3) Turn the monitor on. The switch is located on the right front side.
4) Turn the computer on. The red flip switch is located on the right side. The computer will "boot" or turn on. It will tell you the time and date. Press enter to accept these or type in the correct information.
5) C > will appear on the screen. This C > is called the D.O.S. prompt. DOS stands for Disk Operating System. DOS is an internal program that allows the computer to communicate with the hard disk, the disk drives, the monitor, and the printer. "C" means that the computer is working out of the C drive (also referred to as the hard disk or permanent memory).
6) There are 3 models of IBM PC-AT microcomputer in the Soil Mechanics Bureau. These models vary in that they have different types of disk drives. The first model shall be referred to as Type I IBM PC-AT, the second model shall be referred to as Type II IBM PC-AT, and the third as Type III IBM PC-AT.

II. B) DEFINITION: IBM PC-AT "TYPES"

Type I — The Type I IBM PC-AT microcomputer has 1 high capacity disk drive and 1 double sided, double density disk drive. The high capacity disk drive or A disk drive is located at right top face of the system unit. This disk drive can store up to 1.2 megabytes of data. The double sided, double density disk drive or B disk drive is located beneath the high capacity drive (A drive). This B drive is identified by the presence of an asterik located in the lower right hand corner on the face of the drive. This B disk drive can store up to 360 kilabytes of data. For reference, disk types and drive compatability are described in Appendix B.

Type II — The Type II IBM PC-AT microcomputer has 2 high capacity disk drives. Both the A and the B disk drives are capable of storing up to 1.2 MB of information. Only high capacity diskettes should be utilized with this type of microcomputer.

Type III — The Type III IBM PC-AT microcomputer has 1 high capacity disk drive and 2 fixed disks.

II. C) LOCATION AND TYPE OF IBM PC-AT

Location	Type
Structure Foundation Section	I *
General Soils Laboratory	I
Specifications and Standards Section	II
Specifications and Standards Section	III

* The IBM PC-AT located in the Structure Foundation Section has dBASE III permently stored on the C drive.

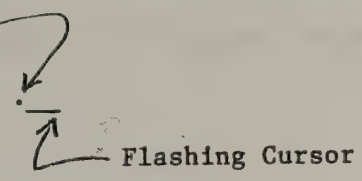
II. D) LOADING dBASE III

dBASE III may be loaded on the Structure Foundation Section microcomputer by typing the following command at the C prompt (DOS prompt). C > DBASE (press enter). The remaining microcomputers located in the General Soils Laboratory and Specifications and Standards Section load dBASE III in the following manner.

First you must get to the A > (this letter - symbol combination is called the A prompt). If the C > (C prompt) is on the screen, type A: (press enter), and A > will appear. If the B > is on the screen type A: (press enter) and A > will appear.

To load dBASE III. Insert the System Disk #1 into the A drive type A > DBASE and press enter. Follow the directions or the screen. This requires that you remove the System Disk #1 and place the System Disk #2 in the A drive and press enter. Do not remove the system disk when the red light is on for the A drive. Keep the System Disk #2 in the A drive while using dBASE III.

The dBASE III program loads into the computer and responds with a sign-on identification and copywright notice, then it requests a command, with the cursor next to the "dBASE III dot prompt".



dBASE III version 1.10 IBM/MSDOS ***

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Press the F1 key for help
Type a command (or ASSIST) and press the return key (↵).

. dBASE III dot prompt

Whenever you see the cursor next to this dot, you can enter commands and get an immediate, interactive response from dBASE III. We will show entries in uppercase, but you can use either uppercase or lowercase letters.

. CLEAR (press enter)

This command clears the screen whenever you see the dot prompt.

The user tells the computer where data files are located (on A, B, C or D) drives by setting a default drive.

. SET DEFAULT TO A: (press enter)

Insert the MARS data disk in the A drive.

Use this command for the the microcomputer located in the Structure Foundation Section. This is the Type I microcomputer which has dBASE III permanently stored on the C drive.

For the TYPE II microcomputer.

Type this command:

. SET DEFAULT TO B: (press enter)

Insert the MARS data disk in the B drive.

Note: The type I micro located in the General Soils Laboratory should not be utilized since most of our files are stored on high capacity diskettes and you cannot use them in the double sided, double-density drive (B drive).

For the Type III microcomputer. Type this command:

. SET DEFAULT TO C: (press enter)

. SET PATH TO C: \ DBASE (press enter)

The user can select not to hear a bell ring or "beep" after each data entry is completed by typing the following command at the dot prompt:

. SET BELL OFF (press enter)

. SET BELL ON (press enter) (if you want to hear a beep).

You can end a dBASE III session at anytime by entering

. QUIT (enter) at the dot prompt.

Typing QUIT and pressing the ENTER key takes you back to either the A> or C> depending on which microcomputer you are using.

If you make typing errors when entering instructions for dBASE III and catch the error before you press the return key, just backspace to the error and correct it. The backspace key is located on the top right hand side of the keyboard area above the enter key. If you pressed the return key, also referred to as the enter key, dBASE III will let you know that it does not understand with an error message similar to the following:

Unrecognized command

Unrecognized phrase

Syntax error

Variable not found

Data type mismatch

At the same time, it may ask

Do you want some help? (Y/N)

If you want to get to the Help file when you see this message, press Y. If not, enter N. Your cursor will appear next to the dot prompt, and you can simply enter the command correctly.

To see what database files are on the data disk: Type:

.DIR *.* (press enter)

This DIR command is an abbreviation for directory. Besides the file names, the DIR listing tells you how many records are in each file, when it was last updated, and how much space you have left on the disk you are using. If you entered a system date when you powered up, dBASE III will enter that as the last update whenever you modify the information in a file.

```
. DIR *.*
INVENTOR.DBF    SCREEN.PRG      COMMAND.COM     DATINP.FMT
REPPRG.PRG      SECTION1.FRM    DIRECT.FRM      INLOCAT.NDX
CONFIG.SYS      DBASE.OVL       BERNE.BAK       ASSIST.HLP
HELP.DBS        CONFIG.DB       MENU4.PRG       INPUT2.PRG
MENU2.PRG       EDIT2.PRG       MENU1.PRG       INFUNC.NDX
INCAT.NDX       INPIN.NDX       INSTAT.NDX      INEMP.NDX
REGION.BAK      REGION.FRM      PROSTAT.FRM     REGION.DBF
PRITN.TXT       LEAVE.FRM       MANPOWER.DBF    BERNE.FMT
SMART.FRM       PROJECT.DBF     CHARGE.BAK      WALT.BAK
INBER.NDX       LEAVE.DBF       SEARCH.BAK      INDEX.PRG
MENU2.BAK       RAG.BAK         INPLOY.NDX      CHARGE.FMT
WALT.FMT        INPUT2.BAK      SEARCH.PRG      EDIT2.BAK
RAG.PRG         INPART.NDX      JOHN.NDX        SWIFT.NDX
MANPOWER.BAK    MENU1.BAK       JOHN.FRM        CHECK.NDX
MENU4.BAK       PAY.NDX         MFUNC.NDX       CONFIG.BAK
INDEX.BAK       OUTPUT.BAK      OUTPUT.PRG

 375202 bytes in    63 files.
 828416 bytes remaining on drive.
.
```

III. MARS

A) LOADING THE "MARS" PROGRAM:

At the dot prompt Type: . DO MENU1 (press enter)

The following text appears on the screen:

```
************************************************************
*                                                          *
*        NEW YORK STATE DEPARTMENT OF TRANSPORTATION       *
*                                                          *
*    SOIL MECHANICS BUREAU - ROADWAY FOUNDATION SECTION    *
*                                                          *
*                MANPOWER REPORTING SYSTEM                 *
*                                                          *
************************************************************

                    **** MAIN MENU ****


                    (1) ... ADD DATA

                    (2) ... EDIT DATA

                    (3) ... PRINT REPORTS

                    (4) ... QUIT

ENTER YOUR CHOICE __
```

The Main Menu presents four options to the user. Selecting option one allows the user to enter either management or project man-hour data. Option two allows the user to edit both management and the project man-hour files. Option three generates reports on the printer. Option four allows the user exit from the MARS program and return to the dBASE III dot prompt.

E) PROGRAM DATA INPUT REQUIREMENTS

1. "PROJECT DATA"

The following project data is obtained from the Roadway Foundation Section's supervisor, the appropriate senior and designer.

1) Category; (either Design, Instrumentation or Research & Development).
2) Project Name, (up to 35 characters).
3) P.I.N.; (enter the complete P.I.N., i.e. 2378.13.121)
4) Current pay period number.
5) Function Code for the P.I.N.
6) Status; (either New, Active, Inactive, Backlog or Completed).
7) Senior's initials; (3 initials).
8) Designer's initials; (3 initials).
9) Date project received; (i.e. type 06/01/86 for June 1, 1986.)
10) P.S.&E.
11) Date plans received; (i.e. 01/06/86)
12) Date borings received.
13) Date laboratory data received.
14) Target completion date.
15) Date design work started.
16) Date design work completed.
17) Number of problems in.
18) Number of problems out.
19) Comments on the project; (up to 254 characters).

II. E) PROGRAM DATA INPUT REQUIREMENTS

2. "MAN-POWER EXPENDITURES DATA"

The following data is taken directly from each employees time sheet and entered into the computer:

1) Employee initials
2) Pay period number
3) Function code
4) P.I.N.
5) Man-hours spent on the design project

Research and Development projects require that the function code plus a special coding (A-Z), be entered into the file. This coding is described in a B. E. Butler memorandum dated June 4, 1986 and located in Appendix C.

Selecting option #1, "ADD DATA" from the Main Menu, the following text appears on the screen:

```
************************************
*                                  *
*      ... DATA ENTRY MENU ...     *
*                                  *
************************************

     (1) ... ENTER MANAGEMENT DATA

     (2) ... ENTER PROJECT MAN-HOURS

     (3) ... RETURN TO MAIN MENU

ENTER YOUR CHOICE __
```

flashing cursor

Selecting option #1, "ENTER MANAGEMENT DATA" presents the following screen.

```
            CATEGORY: DESIGN
PROJECT DESCRIPTION: I-81, HIAWATHA BLVD.
          P.I.N.: 3298.00.313          FUNCTION CODE: E303
  PAY PERIOD NUMBER: 2                      STATUS: NEW
  SENIOR'S INITIALS: EDK          DESIGNER'S INITIALS: JER
PROJECT RECEIVED ON: 01/01/86              PS&E: 01/01/88
     PLANS RECEIVED:  /  /       BORINGS RECEIVED:  /  /
  LAB DATA RECEIVED:  /  /    TARGET COMPLETION DATE:  /  /
     DESIGN STARTED:  /  /        DESIGN COMPLETED:  /  /
 NUMBER PROBLEMS IN: 1          NUMBER PROBLEMS OUT: 0
           COMMENTS: BORING PROGRAM ONGOING
```

The user then enters the required data. To save the changes or additions made to the file, press and hold the CTRL key, simultaneously press the letter key "W" then release both keys at the same time.

To exit without saving changes made to a file; press the ESC Key.

Various other control keys which are commonly used are discussed in Appendix A.

The Data Entry Menu appears on the screen and the user may select to return to the Main Menu or to enter project man-hours.

Selecting option #2 "ENTER PROJECT MAN-HOURS" presents the following text on the screen:

PAY PERIOD: 2

FUNCTION CODE: E304 P.I.N.: 3298.00.313

SENIOR'S INITIALS: EDK MANHOURS FOR SENIOR: 00.00

DESIGNER'S INITIALS: JER MANHOURS FOR DESIGNER: 30.00

The user enters the requested data and saves it by pressing either the CTRL-W or CTRL-END keys. These multi-key commands return you to the "DATA ENTRY MENU".

The user may then return to the Main Menu by selecting option #3 "RETURN TO MAIN MENU".

At the MAIN MENU the user may select to edit data existing in either management or project man-hour files. Choosing option #2 "EDIT DATA" presents the following screen:

```
**********************************
*                                *
*******...DATA EDITING MENU...******
*                                *
**********************************

     (1) ... EDIT MANAGEMENT DATA

     (2) ... EDIT PROJECT MAN-HOURS

     (3) ... RETURN TO MAIN MENU

ENTER YOUR CHOICE __
```

Selecting option #1 "EDIT MANAGEMENT DATA" presents the following on the screen.

```
ENTER THE FUNCTION CODE:  E301

ENTER THE PIN FOR THE PROJECT:  1089.34.122
```

The user types in the appropriate function code and P.I.N. for the project and the computer finds that job file.

The following file information appears on the screen. The user can now change the desired data.

CATEGORY:	DESIGN		
PROJECT DESCRIPTION:	RTE. 4 & 197 BRIDGES		
P.I.N.:	1089.34.122	FUNCTION CODE:	E301
PAY PERIOD NUMBER:	2	STATUS:	ACTIVE
SENIOR'S INITIALS:	EDK	DESIGNER"S INITIALS:	JSD
PROJECT RECEIVED ON:	01/01/85	PS&E:	06/01/87
PLANS RECEIVED:	/ /	BORINGS RECEIVED:	/ /
LAB DATA RECEIVED:	/ /	TARGET COMPLETION DATE:	/ /
DESIGN STARTED:	/ /	DESIGN COMPLETED:	/ /
NUMBER PROBLEMS IN:	1	NUMBER PROBLEMS OUT:	0
COMMENTS:	Alignment change. New studies will be required.		

Save changes by pressing the CTRL-W keys.

Selecting option #2 "EDIT PROJECT MAN-HOURS" presents the following text on the screen.

ENTER THE PAY PERIOD: 2

ENTER THE FUNCTION CODE: E303

ENTER THE PIN FOR THE PROJECT: 1057.11.121

The user fills in the requested data and the computer searches for that particular file.

The following appears on the screen, and the user can now modify the file contents.

PAY PERIOD: 2

FUNCTION CODE: E303 P.I.N.: 1057.11.121

SENIOR'S INITIALS: JTS MANHOURS FOR SENIOR: 4.00

DESIGNER'S INITIALS: ___ MANHOURS FOR DESIGNER: 0.00

DELETING BLANK FILES

The Data Editing Menu can also be used to delete "blank" files. These blank files are created inadvertantly by hitting the page up and page down keys while in the "ADD DATA" options.

These blank files may be deleted by choosing an edit option and pressing the return key with no search criteria specified. In other words, search for a screen with no data on it. These screens may be deleted by pressing the CTRL-U keys. An asterik with del next to it will appear at the top of the screen.

If you press the CRTL-U keys again, this will undelete the file, rather it will not be marked for deletion. When the user tells the program to print the output, the computer will eliminate those records marked for deletion. Press CTRL-W to save this change to the file.

SELECTING MAIN MENU OPTION #3 "PRINT REPORTS" presents the following screen:

```
          **************************
          *                        *
***********                        ***********
*                REPORT MENU                 *
***********                        ***********
          *                        *
          **************************

     (1) ... RFS - PROJECT STATUS REPORT

     (2) ... SENIOR'S PROJECT STATUS REPORT

     (3) ... PROJECT MAN-DAYS CHECKSHEET

     (4) ... PROJECT MAN-DAYS REPORT

     (5) ... END OF YEAR PROJECT STATUS REPORT

     (6) ... RETURN TO MAIN MENU

ENTER YOUR CHOICE __
```

Five reports can be generated from the program. They are described as follows:

(1) "RFS - PROJECT STATUS REPORT" generates a Project Status Report for both the Roadway Foundation Section and the Instrumentation Section. Projects with a status of "completed" are not reported here. They are reported in the "END OF YEAR REPORT."

(2) "SENIOR'S PROJECT STATUS REPORT" generates an individualized report for each senior engineer in the section.

(3) "PROJECT MAN-DAYS CHECKSHEET" generates a printout used to verify that the project man-hours input is correct. This program requests the pay period number for your desired data check.

(4) "PROJECT MAN-DAYS REPORT". After the user has checked the project man-days input utilizing the output generated from report option (3) "PROJECT MAN-DAY CHECKSHEET" the user can generate an official "PROJECT MAN-DAYS REPORT".

(5) "END OF YEAR PROJECT STATUS REPORT" generates the same output as option (1) "PROJECT STATUS REPORT" except that it lists all projects including those with a status of "completed". This output is used for the section's quarterly and end of the year work review.

When the user presses a report selection number either 1, 2, 3, 4 or 5 the following message appears on the screen. (Do not touch the keyboard at this time)

PLEASE WAIT WHILE I CLEAN UP THE DATA!!

The printer will then print your desired report. For reference, printer setup and programming is located in Appendix D.

IV. BACKUP PROCEDURES

All files should be backed up (that is, copied) on a regular systematic basis to protect against disk loss or damage. Disk loss or damage may be due to either operator error or disk failure. This backing up is accomplished by the following procedure:

Obtain the following:

1) MARS data disk
2) MARS backup #1
3) MARS backup #2

} all high capacity diskettes

Exit dBASE III to the C > .

Insert the MARS data disk in the A drive.

Type:

C > CD/DBASE (press enter)

C > COPY A: *.DBF C: (press enter)

These commands copy all of your database files onto the hard disk.

Remove the MARS disk from the A drive and place the backup disk #1 into the A drive.

Type:

C > COPY C: *.DBF A: (press enter)

Remove backup disk #1 and insert the backup disk #2 in the A drive and repeat the previous command.

C > COPY C: *.DBF A: (press enter)

V

APPENDIX A

"CONTROL KEYS"

CONTROL KEYS

KEY	ALTERNATE	FUNCTION
↑	^E	Moves the cursor up on line or field.
↓	^X	Moves the cursor down on line or field.
←	^S	Moves the cursor one space to the left.
→	^D	Moves the cursor one space to the right.
Del	^G	Erases the character directly under the cursor.
End	^F	Moves the cursor one word to the right.
^ End	^W	Exit and save changes.
Esc	^Q	Exits without saving changes and returns to the dot prompt.
Home	^A	Moves the cursor one word to the left.

CONTROL KEYS

KEY	ALTERNATE	FUNCTION
Ins	^V	Toggles INSERT mode on and off. When it is ON, it inserts the character before the cursor. When it is OFF, it overwrites the character under the cursor.
PgUp	^R	Moves back to the previous record, screen display.
PgDn	^C	Moves to the next record.
(RETURN) or ↵		Moves the cursor to the next field or line.
^ U		Marks a record for deletion in EDIT.

APPENDIX B

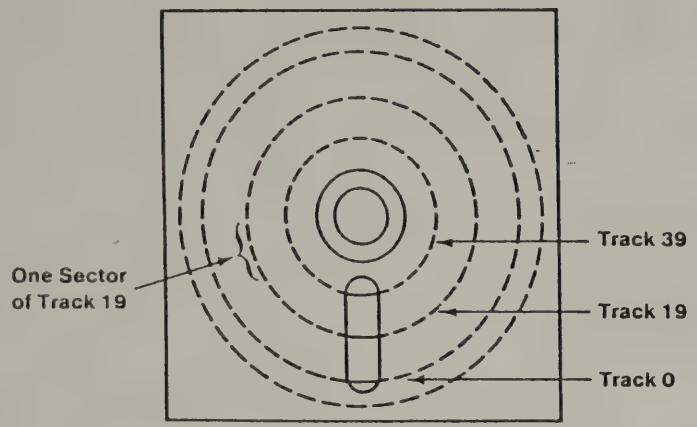
"DISKETTE DRIVES AND DRIVE COMPATABILITY"

Tracks, Bytes, and Sectors

Information is written on diskettes along concentric circles called *tracks*. The read/write head of the diskette drive moves back and forth from one track to another as the diskette spins. This lets the diskette drive head find certain data to read or find a place to write information.

The terms *sector* and *byte* are also used to describe diskettes. Tracks are divided into sections called *sectors*. Space on a diskette is measured in *bytes*. One byte holds one character.

The number of tracks, sectors, and bytes on a diskette depends on the type of diskette. The following sections describe the types of diskettes and diskette drives.



Types of Diskette Drives

Your IBM Personal Computer can have the following types of diskette drives:

- Single-sided (160KB/180KB)
- Double-sided (320KB/360KB)
- High-capacity (1.2MB)

Types of Diskettes

You can use the following types of diskettes to read and write information:

- Single-sided (160KB/180KB)
- Double-sided (320KB/360KB)
- High-capacity (1.2MB)

A single-sided diskette contains 40 tracks, 8/9 sectors per track, and holds up to 160K/180K bytes of information (K equals 1024).

A double-sided diskette contains 40 tracks per side, 8/9 sectors per track, and holds up to 320K/360K bytes of information (K equals 1024).

A high-capacity diskette is a double-sided diskette that contains 80 tracks per side, 15 sectors per track, and holds up to 1.2M bytes of information (M equals 1,048,576).

About Diskette and Dr[illegible] Compatibility

The following chart shows the compataibility of your IBM Personal Computer AT drives with different types of formatted diskettes.

	Single Sided Diskette (160/180K)	Double Sided Diskette (320/360K)	High Capacity Diskette (1.2M)
B: Double Sided Drive –>	Read or Write	Read or Write	Do Not Use (1)
A: High Capacity Drive –>	Read Only (2)	Read Only (2)	Read or Write

1 Do not use in a Double Sided drive.

2 **Warning:** If you write (record) on a single sided or double sided diskette with your High Capacity drive, that diskette may become unusable in a Single Sided or Double Sided drive. To guard against accidently writing (recording) on these diskettes, you should consider placing a write protect tab on the diskette before you use it. Refer to the "Write Protect" procedure later in this section.

Summary of Diskette and Drive Compatibility

- Use only high capacity diskettes to read and record in the 1.2M bytes format with your IBM Personal Computer AT High Capacity drive.
- Use only double sided diskettes to read and record in the 320/360K bytes format with your IBM Personal Computer AT High Capacity drive.
- Use only double sided diskettes in a Double Sided drive.
- Do not write on double sided diskettes in your High Capacity drive if you intend to use the diskettes in a double sided drive.

APPENDIX C

"LETTER CODE FOR RESEARCH & DEVELOPMENT PROGRAMS"

KEG

DATE: June 4, 1986

SUBJECT: IDENTIFYING RESEARCH & DEVELOPMENT PROJECTS
FOR MANPOWER REPORTING NEEDS

FROM: Bernard E. Butler, Associate Soils Engineer BEB.

TO: Roadway Foundation Section

In order to identify a Research & Development project on your time sheet, a letter code is being assigned to each project.

When completing your time sheet, please write in the left hand margin, opposite the function code, the letter code that is assigned to that specific R & D project. If you are working on two or more projects with the same function code, separate them. Place each project on a separate line and identify each with its letter code.

Attached is a list of R & D projects with their assigned letter codes.

Project	Function Code	Letter Code
MUD 3 Report (design)	E303	A
MUD 3 Report (const.)	E303	B
TRB - Manual - Foundations #2	E353	C
Drill Log Interpretation	E353	D
Recharge Basin Report	E353	E
Clay Embankment Study	E353	F
Dutch Cone Interpretation	E353	G
Constant Rate of Strain	E353	H
Pp vs Strength for Org. Silt	E353	I
Computer Development	E354	J
Triax. Cu Extension Tests	E362	K
Close Sequence Excav. & Backfill	E353	L

If there are any questions, see John Harrigan.

FA:WSJ:nlw
Attachment:

APPENDIX D

"PRINTER SETUP AND PROGRAMMING"

TABLE 5. EXAMPLE OF CHANGING FONT AND CPI PRINTER STATUS CONFIGURATION

ACTION	RESULTS
1. With printer turned ON, press ON LINE MODE to enter LOCAL.	ON LINE indicator is extinguished.
2. Press PRGM to enter PROGRAM.	ON LINE indicator flashes while in the programming condition.
3. Set SELECT rotary switch to 1 and press FONT LINE FEED OR: to 0 (FASTER OUTPUT.)	No visible results. Printer Font is changed to NLQ-Gothic.

NOTE

Available font selections are:

SELECT ROTARY SWITCH SETTING	FONT
0	Standard (Draft)
1	NLQ-Gothic
2-8	Unassigned
9	Alternate (optional plug-in chip)

USE EITHER.

4. Set SELECT rotary switch to 4 and press CPI TOF SET	No visible results. Printer CPI is changed to 16.5.

NOTE

Available CPI are:

SELECT ROTARY SWITCH SETTING	CPI
0	10
1	12
2	13.1
3	15
4	Compressed (16.5 CPI in IBM-GP; 17 CPI in 84/2)
5-9	Unassigned

5. To exit PROGRAM, press PRGM	ON LINE indicator changes from flashing to extinguished.

TABLE 5. EXAMPLE OF CHANGING FONT
AND CPI PRINTER STATUS CONFIGURATION (Continued)

ACTION	RESULTS
6. If desired, check changes by printing printer status message — Press and hold FONT / LINE FEED Then press and release FORM FEED / FORMS	Printer status prints out: (See example below)

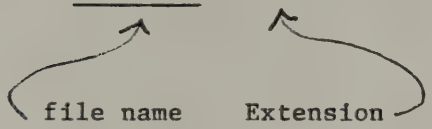
```
PRINTER STATUS: (506514)
FONT: Draft
MODE: Normal
FORM LENGTH: 11 Inches
LPI: 6
CPI: 16.5
CONFIGURATION: Download, 2K Buffer
EMULATION: IBM Graphic
DIP SWITCH SETTING:
4       3       2       1
X0101011 X0000000 X0010000 X0111000
```

APPENDIX E

"PROGRAM LISTING"

DBASE III File Types

_____	.DBF	Database File.
_____	.FMT	Format file.
_____	.FRM	Report form file.
_____	.NDX	Index file.
_____	.PRG	Command file.
_____	.TXT	Text output file.



```
. display structure
Structure for database : B:PROJECT.dbf
Number of data records :     253
Date of last update    : 07/17/86
Field  Field name  Type       Width    Dec
    1  PAY_PERIOD  Character      2
    2  PIN         Character     11
    3  FUNC_CODE   Character      4
    4  SENIOR      Character      3
    5  DESIGNER_1  Character      3
    6  MANHOURSSE  Numeric        6      2
    7  MANHOURSD1  Numeric        6      2
** Total **                      36
```

```
CLEA
display structure
Structure for database : B:MANPOWER.dbf
Number of data records :      66
Date of last update    : 07/14/86
Field  Field name  Type       Width    Dec
    1  PAY_PERIOD  Character      2
    2  CATEGORY    Character     22
    3  PROJECT     Character     25
    4  PIN         Character     11
    5  FUNC_CODE   Character      4
    6  NUMPROB_IN  Numeric        3
    7  NUMPROBOUT  Numeric        3
    8  STATUS      Character      9
    9  PS_E        Date           8
   10  RECVD_PROJ  Date           8
   11  RECVD_PLAN  Date           8
   12  RECVD_BOR1  Date           8
   13  RECV_LABD1  Date           8
   14  COMMENTS    Character    254
   15  SENIOR      Character      3
   16  DESIGNER_1  Character      3
Press any key to continue...
   17  TARGET_DAT  Date           8
   18  DESN_START  Date           8
   19  DESN_COMP   Date           8
** Total **                    404

EJECT
```

```
. TYPE MENU1.PRG
*        COMMAND FILE ----- MENU1
* THIS IS THE MAIN MENU FOR THE MANPOWER REPORTING SYSTEM PROGRAM
* THIS MENU PRESENTS OPTIONS FOR EITHER DATA ENTRY OR REPORT
*  GENERATION

SET TALK OFF
CLEAR
STORE 0 TO COUNTER
DO WHILE COUNTER = 0
CLEAR
TEXT
       ************************************************************
       *                                                          *
       *     NEW YORK STATE DEPARTMENT OF TRANSPORTATION          *
       *                                                          *
       *  SOIL MECHANICS BUREAU - ROADWAY FOUNDATION SECTION      *
       *                                                          *
       *              MANPOWER REPORTING SYSTEM                   *
       *                                                          *
       ************************************************************


                      ****  MAIN MENU ****


                      <1> ...  ADD DATA

                      <2> ...  EDIT DATA

                      <3> ...  PRINT REPORTS

                      <4> ...  QUIT


ENDTEXT
WAIT 'ENTER YOUR COICE' TO CHOICE

DO CASE
    CASE CHOICE='1'
        CLEAR
        DO MENU2
        CLEAR
    CASE CHOICE='2'
        DO EDIT2
        CLEAR
    CASE CHOICE='3'
        CLEAR
        DO MENU4
        CLEAR
    CASE CHOICE='4'
        CLEAR
        CLOSE DATABASES
        CANCEL
    OTHERWISE
        ? 'YOU GOOFED!!   TRY AGAIN!'
        WAIT
        CLEAR
ENDCASE
ENDDO
```

```
. TYPE MENU2.PRG
*  COMMAND FILE --- MENU2
* THIS MENU PRESENTS OPTIONS FOR DATA ENTRY
* DATA MAY BE ENTERED FOR EITHER A PARTICULAR DESIGN PROJECT

SET TALK OFF
CLEAR
STORE 0 TO COUNTER
DO WHILE COUNTER = 0
CLEAR
TEXT
                ****************************************
                *                                      *
                *      ...   DATA ENTRY MENU   ...      *
                *                                      *
                ****************************************


                    <1> ... ENTER MANAGEMENT DATA


                    <2> ... ENTER PROJECT MANHOURS


                    <3> ... RETURN TO MAIN MENU


ENDTEXT
WAIT 'ENTER YOUR CHOICE' TO CHOICE

DO CASE
    CASE CHOICE='1'
        CLEAR
        USE MANPOWER
        SET INDEX TO INCAT
        SET FORMAT TO WALT.FMT
        APPEND
        CLOSE FORMAT
        CLEAR

    CASE CHOICE='2'
        CLEAR
        USE PROJECT
        SET FORMAT TO BERNE.FMT
        APPEND
        CLOSE FORMAT
        CLEAR

    CASE CHOICE='3'
        RETURN
    OTHERWISE
        ? 'YOU GOOFED!!!  TRY AGAIN!!'
        WAIT
        CLEAR
ENDCASE
ENDDO
```

```
. TYPE WALT.FMT
*  WALT.FMT PROGRAM
*  THIS IS THE FORMAT SCREEN PROGRAM FOR DATA INPUT
@1,14 SAY "CATEGORY:" GET CATEGORY
@3,3 SAY "PROJECT DESCRIPTION:" GET PROJECT
@5,16 SAY "P.I.N.:" GET PIN
@5,46 SAY "FUNCTION CODE:" GET FUNC_CODE
@7,5 SAY "PAY PERIOD NUMBER:" GET PAY_PERIOD
@7,53 SAY "STATUS:" GET STATUS
@9,5 SAY "SENIOR'S INITIALS:" GET SENIOR
@9,40 SAY "DESIGNER'S INITIALS:" GET DESIGNER_1
@11,3 SAY "PROJECT RECEIVED ON:" GET RECVD_PROJ
@11,55 SAY "PS&E:" GET PS_E
@13,8 SAY "PLANS RECEIVED:" GET RECVD_PLAN
@13,43 SAY "BORINGS RECEIVED:" GET RECVD_BOR1
@15,5 SAY "LAB DATA RECEIVED:" GET RECV_LABD1
@15,37 SAY "TARGET COMPLETION DATE:" GET TARGET_DAT
@17,8 SAY "DESIGN STARTED:" GET DESN_START
@17,43 SAY "DESIGN COMPLETED:" GET DESN_COMP
@19,4 SAY "NUMBER PROBLEMS IN:" GET NUMPROB_IN
@19,40 SAY "NUMBER PROBLEMS OUT:" GET NUMPROBOUT
@21,3 SAY "COMMENTS:" GET COMMENTS
```

```
. TYPE BERNE.FMT
*
* FORMAT PROGRAM BERNE.FMT
* THIS IS THE DATA ENTRY SCREEN FOR PROJECT MANHOURS

@3,14 SAY "PAY PERIOD:" GET PAY_PERIOD
@5,11 SAY "FUNCTION CODE:" GET FUNC_CODE
@5,37 SAY "P.I.N.:" GET PIN
@9,7 SAY "SENIOR'S INITIALS:" GET SENIOR
@9,37 SAY "MANHOURS FOR SENIOR:" GET MANHOURSSE
@13,5 SAY "DESIGNER'S INITIALS:" GET DESIGNER_1
@13,35 SAY "MANHOURS FOR DESIGNER:" GET MANHOURSD1
```

```
. TYPE EDIT2.PRG
*  EDIT2.PRG
*  PROGRAM FOR EDITING DATA

SET TALK OFF
CLEAR
STORE 0 TO COUNTER
DO WHILE COUNTER = 0
CLEAR
TEXT
                    ****************************************
                    *                                      *
                    ******... DATA EDITING MENU ...******
                    *                                      *
                    ****************************************


                      <1> ... EDIT MANAGEMENT DATA


                      <2> ... EDIT PROJECT MAN-HOURS


                      <3> ... RETURN TO MAIN MENU


ENDTEXT
WAIT 'ENTER YOUR CHOICE' TO CHOICE5

DO CASE
    CASE CHOICE5 = '1'
        CLEAR
        DO INPUT2
        CLEAR

    CASE CHOICE5 = '2'
        CLEAR
        DO SEARCH
        CLEAR

    CASE CHOICE5 = '3'
        RETURN
    OTHERWISE
        ? 'YOU GOOFED!!! TRY AGAIN!!'
        WAIT
        CLEAR
ENDCASE
ENDDO
```

```
. TYPE INPUT2.PRG
* INPUT2.PRG    COMMAND FILE PROGRAM
* THIS PROGRAM ALLOWS THE USER TO EDIT DATA BASED ON A
* SEARCH FOR A PARTICULAR PIN AND FUNCTION CODE

CLEAR
USE MANPOWER
STORE SPACE(11) TO MPIN
STORE SPACE(4) TO MFUNCCODE
@10,11 SAY "ENTER THE FUNCTION CODE:" GET MFUNCCODE
@12,5 SAY "ENTER THE PIN FOR THE PROJECT:" GET MPIN
READ
LOCATE FOR UPPER(PIN)=MPIN .AND. UPPER(FUNC_CODE)=MFUNCCODE

IF EOF()
    ? 'RECORD NOT FOUND.....'
    WAIT 'HIT A KEY TO RETURN TO THE MENU'

ELSE
    CLEAR
    SET FORMAT TO WALT.FMT
    EDIT
    CLOSE FORMAT
    CLEAR
ENDIF
RETURN
```

```
. TYPE SEARCH.PRG
* SEARCH.PRG COMMAND FILE PROGRAM
* THIS PROGRAM ALLOWS THE USER TO EDIT DATA BASED ON A
* SEARCH FOR A PARTICULAR PAY PERIOD, PIN AND FUNCTION CODE

CLEAR
USE PROJECT
STORE SPACE(2) TO MPAY
STORE SPACE(4) TO MFUNCCODE
STORE SPACE(11) TO MPIN

@8,14 SAY "ENTER THE PAY PERIOD:" GET MPAY
@10,11 SAY "ENTER THE FUNCTION CODE:" GET MFUNCCODE
@12,5 SAY "ENTER THE PIN FOR THE PROJECT:" GET MPIN
READ
LOCATE FOR PAY_PERIOD = MPAY .AND. UPPER(PIN) = MPIN .AND. UPPER(FUNC_CODE) = MFUNCCODE

IF EOF()
    ? 'RECORD NOT FOUND....'
    WAIT  ' HIT A KEY TO RETURN TO THE MENU '

ELSE
    CLEAR
    SET FORMAT TO BERNE.FMT
    EDIT
    CLOSE FORMAT
    CLEAR
ENDIF
RETURN
```

```
. SETPRIN PRINT OFF



    THIS IS MENU4   IT IS THE MENU FOR SELECTING A REPORT TO BE
*   PRINTED

ET TALK OFF
LEAR
STORE Ø TO COUNTER4
O WHILE COUNTER4 = Ø
LEAR
TEXT
                    *******************
                    *                 *
        **************                 ****************
        *                REPORT MENU                  *
        **************                 ****************
                    *                 *
                    *******************

             <1> ...  RFS -  PROJECT STATUS REPORT

             <2> ...  SENIOR'S PROJECT STATUS REPORT

             <3> ...  PROJECT MAN-DAYS CHECKSHEET

             <4> ...  PROJECT MAN-DAYS REPORT

             <5> ...  END OF YEAR PROJECT STATUS REPORT

             <6> ...  RETURN TO MAIN MENU

ENDTEXT
AIT 'ENTER YOUR CHOICE' TO CHOICE4

DO CASE

   CASE CHOICE4 = '1'

       CLEAR

  THIS REPORTS THE CURRENT PROJECT STATUS FOR THE RFS

       @12,15 SAY " PLEASE WAIT WHILE I CLEAN UP THE DATA !!"
       DO INDEX
       CLEAR

  THIS REPORTS ONLY INFORMATION ON JOBS WITH STATUS NOT =
OMPLETED

       REPORT FORM PROSTAT TO PRINT FOR STATUS <> "COMPLETED"
       WAIT
       CLEAR

   CASE CHOICE4 = '2'

       CLEAR
```

```
*  THIS REPORTS THE PROJECT STATUS REPORT FOR EACH SENIOR

       @12,15 SAY "PLEASE WAIT WHILE I CLEAN UP THE DATA !!"
       DO INDEX
       CLEAR
       REPORT FORM PROSTAT FOR SENIOR ='EDK' .AND. STATUS <>
"COMPLETED" TO PRINT
       REPORT FORM PROSTAT FOR SENIOR ='FA' .AND. STATUS <>
"COMPLETED" TO PRINT
       REPORT FORM PROSTAT FOR SENIOR ='JTS' .AND. STATUS <>
"COMPLETED" TO PRINT
       WAIT
       CLEAR

    CASE CHOICE4 = '3'

       CLEAR
       USE PROJECT INDEX CHECK
       @12,15 SAY "  HOLD ON WHILE I CLEAN UP THE FILES !!"
       PACK
       CLEAR

   INDEX CHECK INDEXES ON PAY PERIOD,SENIOR,DESIGNER,

*  FUNCTION CODE, AND PIN

       @10,10 SAY "ENTER THE PAY PERIOD FOR YOUR REPORT"
       ACCEPT 'PAY PERIOD NO.' TO PAY1
       REPORT FORM JOHN TO PRINT FOR PAY_PERIOD = PAY1
       WAIT
       CLEAR

    CASE CHOICE4 = '4'

       CLEAR

   INDEX HELLO INDEXES ON PIN, FUNCTION CODE AND PAY PERIOD

       @12,15 SAY "PLEASE WAIT WHILE I CLEAN UP MY FILES !!"

       USE PROJECT INDEX HELLO
       PACK

       CLEAR
       REPORT FORM SMART TO PRINT

       WAIT
       CLEAR

    CASE CHOICE4 = '5'

       CLEAR
```

```
END OF YEAR COMPLETE DATABASE SUMMARY REPORT

     @12,15 SAY "PLEASE WAIT WHILE I CLEAN UP MY FILES !!"
     DO INDEX
     CLEAR
     REPORT FORM PROSTAT TO PRINT
     WAIT
     CLEAR

  CASE CHOICE4 = '6'

     RETURN
     CLEAR
  OTHERWISE
     ?'YOU GOOFED!!!  TRY AGAIN!!'
     WAIT
     CLEAR
ENDCASE
ENDDO
```

```
* INDEX.PRG
* THIS PROGRAM RE-INDEXES FILES
SET SAFETY OFF
USE MANPOWER INDEX INCAT
*   INDEX INCAT IS AN  INDEX ON CATEGORY + PIN TO INCAT
REINDEX
PACK
```

APPENDIX F

"REFERENCES"

REFERENCES

dBASE III User Manual

APPENDIX G

"SAMPLE OUTPUT"

REPORT OPTION # 1

"ROADWAY FOUNDATION SECTION - PROJECT STATUS REPORT"

Reports all projects with status of either new, active, inactive or backlog. Projects with a status of completed are not reported.

****
* CURRENT PROJECT STATUS *
* ROADWAY FOUNDATION SECTION *
****

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	E NR	S NR	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
** CATEGORY DESIGN																	
1057.11.121	RTE.150 BROOKVIEW BRIDGE	2	E303	ACTIVE	JTS	DJT	03/03/86	04/01/88	/ /	/ /	/ /	10/31/86	05/20/86	/ /	1	0	VANE TESTS AND BORINGS IN PROGRESS.
1089.34.122	RTE. 4 & 197 BRIDGES	2	E301	ACTIVE	EDK	JSD	10/01/85	06/01/87	/ /	/ /	02/01/86	/ /	/ /	/ /	1	0	Alignment change. New studies will be required.
2018.00.	RT.55	2	E303	BACKLOG	EDK	JER	04/25/86	01/01/88	/ /	/ /	/ /	09/30/86	/ /	/ /	1	0	NOT A HOT JOB, SWAMP AREA. FIELD TRIP PLANNED FOR END OF MONTH.
3298.00.313	I-81, HIAWATHA BLVD.	2	E303	NEW	EDK	JER	01/01/86	01/01/88	/ /	/ /	/ /	/ /	/ /	/ /	1	0	BORING PROGRAM ONGOING, SUBSIDENCE OR SHEAR FAILURE ? SLOPE INDICATORS AND OBSERVATION WELLS HAVE BEEN INSTALLED.
6218.08.121	BENNETTSBURG-PERRY CITY	2	E303	ACTIVE	JTS	FAA	05/20/86	08/01/87	/ /	/ /	/ /	/ /	/ /	/ /	1	0	WILL RECEIVE PLANS AND PROFILE FROM THE REGION SOON, AS PER E. LANGE.
8030.20.	RT.59 OVER PASCAK CREEK	2	E303	NEW	FA	WSJ	04/23/86	01/01/87	/ /	/ /	/ /	/ /	/ /	/ /	1	0	SUBSURFACE EXPLORATION IN PROGRESS.
9095.36.301	SHARON SPRINGS WALL	2	E308	ACTIVE	EDK	WSJ	05/12/86	/ /	/ /	/ /	/ /	06/01/86	05/20/86	/ /	2	0	SLOPE STABILIZATION, WALL AT TOP TOE OF SLOPE. CONSTRUCTION PROBLEM.
E112.18.701	TALLYRAND SWAMP	2	E303	INACTIVE	JTS	RJS	04/01/84	/ /	/ /	/ /	/ /	/ /	/ /	05/01/85	1	1	THRUWAY PROJECT. Investigation complete. Recommendations verbally transmitted to consultant. No response since 5/85.
M104.00.701	RT.22,WADHAMS&WALLONSBURG	2	E303	ACTIVE	JTS	RJS	12/01/85	/ /	12/01/85	/ /	/ /	08/01/86	05/05/86	/ /	1	0	PRELIMINARY COST ESTIMATE AND BORING REQUEST SUBMITTED TO REGION. DRILLING COMPLETED 5/6/86. DAVE T. HAS WADHAMS AND SULLY HAS WALLONSBURG.
M604.00.701	RTE 19 BELFAST	2	E303	ACTIVE	JTS	RJS	07/01/85	/ /	09/01/85	01/29/86	/ /	08/01/86	04/15/86	/ /	1	0	SLOW SLOPE MOVEMENT. No rush - correction is cost dependent. Preliminary borings requested 9/26/85, received 1/29/86.

CURRENT PROJECT STATUS
ROADWAY FOUNDATION SECTION

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
P006.01.801	BUFFALO PORT EVALUATION	2	E320	ACTIVE	EDK	JER	03/01/85	/ /	/ /	/ /	/ /	04/30/86	03/01/86	/ /	1	0	FINAL DRAFT IN PROGRESS.
P006.01.801	OSWEGO PORT EVALUATION	2	E320	ACTIVE	EDK	JER	03/01/85	/ /	/ /	/ /	/ /	05/30/86	03/01/85	/ /	1	0	FINAL REPORT BEING REPRODUCED.
** Subtotal **															13	1	
** CATEGORY INSTRUMENTATION																	
	ALT RTE 7 NOISE BARRIER	2	E354	INACTIVE	EDK	WSJ	10/01/84	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	1	Monitoring post const movement. Spring reading will be taken in April. If their is no movement,no further readings will be taken unless requested.
0045.00.	NASSAU EXPRESSWAY	2	E303	INACTIVE	JTS	RJS	06/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	When construction starts, instrumentation will monitor embankment settlement.
1001.08.101	RTE. 2 BRUNSWICK-TROY	2	E352	ACTIVE	FA	MJB	05/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring wall movement in the spring and fall.
2378.12.311	M.U.D. 12	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.13.321	M.U.D. 13	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.14.311	MUD 14	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase
2378.15.311	MUD 15	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.16.311	M.U.D. 16	2	E304	ACTIVE	FA	PWB	12/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
3022.17.321	RTE. 38 GROTON LOCKE	2	E303	ACTIVE	JTS	REB	07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	MONITORING POST-CONSTRUCTION MOVEMENT. NO MOVEMENT AS OF APRIL 1986.
6006.40.	OWEGO BR. CO. LINE	2	E352	BACKLOG	FA		06/01/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	SECTION OF HIGHWAY IS BEING MONITORED USING A SLOPE INDICATOR.

CURRENT PROJECT STATUS
ROADWAY FOUNDATION SECTION

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
9044.22	RTE 30 N. BLENHEIM	2	E352	BACKLOG	FA		06/01/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	BRIDGE SITE 2 IS BEING MONITORED. ARTESIAN WELLS.
9357.15.121	BORST NOBLE RD	2	E303	ACTIVE	FA		06/01/83	/ /	/ /	/ /	/ /	12/12/87	/ /	/ /	1	0	SLIDE STABILIZATION. Monitoring post construction movement.
E351	PIEZOMETER SPECIFICATION	2	E351	ACTIVE	JCI	EAC	10/01/85	/ /	/ /	/ /	/ /	07/18/86	/ /	/ /	0	0	
E351	SCP-7 UPDATE	2	E351	ACTIVE	JCI	HKR	04/06/83	/ /	/ /	/ /	/ /	07/31/86	/ /	/ /	0	0	
E351	CABLE SET SYSTEM SPEC	2	E351	ACTIVE	JCI	EAC	01/01/85	/ /	/ /	/ /	/ /	08/30/86	/ /	/ /	0	0	
E353	MUD INSTRUMENTATION REPOR	2	E353	ACTIVE	JCI		11/01/84	/ /	/ /	/ /	/ /	12/31/86	/ /	/ /	0	0	
E353	WHITESTONE EXPWY REPORT	1	E353	ACTIVE	JCI	EAC	01/01/86	/ /	/ /	/ /	/ /	08/30/86	/ /	/ /	0	0	
E353	VANE BORER REPORT	2	E353	ACTIVE	JCI	EAC	06/29/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	0	0	
E353	PRESSUREMETER REVIEW	2	E353	ACTIVE	JCI	RLS	03/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	0	0	
E354	1-D SETT. PROG. DOCUMENTA	2	E354	ACTIVE	JCI		03/20/86	/ /	/ /	/ /	/ /	12/31/86	/ /	/ /	0	0	
M804.00.701	RTE. 212 SHADY	2	E352	BACKLOG	EDK		03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	TOP OF WALL IS SURVEYED FOR DISPLACEMENT TWICE A YEAR. DESIGN REPORT TO BE DONE IN THE NEAR FUTURE.
** Subtotal **															13	1	
** CATEGORY RESEARCH & DEVELOPMENT																	
E303A	MUD 3 REPORT (design)	2	E303	BACKLOG	FA	REG	12/01/84	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	1ST Draft in progress.
E303B	MUD 3 REPORT (const.)	2	E303	ACTIVE	FA	RLS	01/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Stage construction w/wick drains.
E352C	TRB MANUAL-FOUNDATIONS #2	2	E353	ACTIVE	FA		02/01/86	/ /	/ /	/ /	/ /	08/01/86	/ /	/ /	2	1	#1 TRB PAPER out. #2 BUREAU REPORT --Bureau review completed.
E353D	DRILL LOG INTERPRETATION	2	E353	ACTIVE	FA	WSJ	07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Additional research in progress as of 2/25/86. NO ACTIVITY DURING MAY.

****
* CURRENT PROJECT STATUS *
* ROADWAY FOUNDATION SECTION *
****

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
E353E	RECHARGE BASINS REPORT	2	E353	BACKLOG	JTS		08/01/83	/ /	/ /	/ /	/ /	12/31/86	/ /	/ /	1	0	RFS WILL COMPLETE MANUAL.
E353F	CLAY EMBANKMENT STUDY	2	E353	ACTIVE	EDK	REG	03/01/85	/ /	/ /	/ /	/ /	06/30/86	/ /	/ /	1	0	QUESTIONNAIRE RESPONSES EVALUATED. LITERATURE REVIEW COMPLETED. BUREAU TESTING IS BEING EVALUATED.
E353G	DUTCH CONE INTERP	2	E353	BACKLOG	FA		07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	No ACTIVITY.
E353H	CONSTANT RATE OF STRAIN	2	E353	ACTIVE	JTS	RJS	12/01/85	/ /	/ /	/ /	/ /	11/01/86	/ /	/ /	1	0	LAB TESTING IN PROGRESS.
E353I	Pp VS STRENGTH FOR ORG L	2	E353	ACTIVE	FA	WSJ	12/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Literature research in progress (2/25/86)
E353L	CLOSE SEQ.EXC. & BACKFILL	2	E353	NEW	FA	WSJ	03/19/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	WAITING FOR REVIEW OF PROJECT SAMPLE BEFORE PROCEEDING.
E354J	COMPUTER DEVELOPMENT	2	E354	ACTIVE	EDK	REG	08/01/82	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Ongoing
E362K	TRIAX. CU EXTENSION TEST	2	E362	ACTIVE	JTS		03/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	0	0	WORK PLAN IN PREPARATION.
** Subtotal **															12	1	
*** Total ***															38	3	

REPORT OPTION # 2

"SENIOR'S PROJECT STATUS REPORT"

Project Status Reports for each senior in the section.

CURRENT PROJECT STATUS
ROADWAY FOUNDATION SECTION

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
** CATEGORY DESIGN																	
1089.34.122	RTE. 4 & 197 BRIDGES	2	E301	ACTIVE	EDK	JSD	10/01/85	06/01/87	/ /	/ /	02/01/86	/ /	/ /	/ /	1	0	Alignment change. New studies will be required.
2818.00.	RT.55	2	E303	BACKLOG	EDK	JER	04/25/86	01/01/88	/ /	/ /	/ /	09/30/86	/ /	/ /	1	0	NOT A HOT JOB, SWAMP AREA. FIELD TRIP PLANNED FOR END OF MONTH.
3298.00.313	I-81, HIAWATHA BLVD.	2	E303	NEW	EDK	JER	01/01/86	01/01/88	/ /	/ /	/ /	/ /	/ /	/ /	1	0	BORING PROGRAM ONGOING, SUBSIDENCE OR SHEAR FAILURE ? SLOPE INDICATORS AND OBSERVATION WELLS HAVE BEEN INSTALLED.
9095.36.301	SHARON SPRINGS WALL	2	E308	ACTIVE	EDK	WSJ	05/12/86	/ /	/ /	/ /	/ /	06/01/86	05/20/86	/ /	2	0	SLOPE STABILIZATION, WALL AT TOP TOE OF SLOPE. CONSTRUCTION PROBLEM.
P006.01.801	BUFFALO PORT EVALUATION	2	E320	ACTIVE	EDK	JER	03/01/85	/ /	/ /	/ /	/ /	04/30/86	03/01/86	/ /	1	0	FINAL DRAFT IN PROGRESS.
P006.01.801	OSWEGO PORT EVALUATION	2	E320	ACTIVE	EDK	JER	03/01/85	/ /	/ /	/ /	/ /	05/30/86	03/01/85	/ /	1	0	FINAL REPORT BEING REPRODUCED.
** Subtotal **															7	0	
** CATEGORY INSTRUMENTATION																	
	ALT RTE 7 NOISE BARRIER	2	E354	INACTIVE	EDK	WSJ	10/01/84	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	1	Monitoring post const movement. Spring reading will be taken in April. If their is no movement,no further readings will be taken unless requested.
M304.00.701	RTE. 212 SHADY	2	E352	BACKLOG	EDK		03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	TOP OF WALL IS SURVEYED FOR DISPLACEMENT TWICE A YEAR. DESIGN REPORT TO BE DONE IN THE NEAR FUTURE.
** Subtotal **															2	1	

CURRENT PROJECT STATUS
ROADWAY FOUNDATION SECTION

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
** CATEGORY RESEARCH & DEVELOPMENT																	
E353F	CLAY EMBANKMENT STUDY	2	E353	ACTIVE	EDK	REG	03/01/85	/ /	/ /	/ /	/ /	06/30/86	/ /	/ /	1	0	QUESTIONNAIRE RESPONSES EVALUATED. LITERATURE REVIEW COMPLETED. BUREAU TESTING IS BEING EVALUATED.
E354J	COMPUTER DEVELOPMENT	2	E354	ACTIVE	EDK	REG	08/01/82	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Ongoing
** Subtotal **															2	0	
*** Total ***															11	1	

CURRENT PROJECT STATUS
ROADWAY FOUNDATION SECTION

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E W R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
** CATEGORY DESIGN																	
8030.20.	RT.59 OVER PASCAK CREEK	2	E303	NEW	FA	WSJ	04/23/86	01/01/87	/ /	/ /	/ /	/ /	/ /	/ /	1	0	SUBSURFACE EXPLORATION IN PROGRESS.
** Subtotal **															1	0	
** CATEGORY INSTRUMENTATION																	
1001.08.101	RTE. 2 BRUNSWICK-TROY	2	E352	ACTIVE	FA	MJB	05/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring wall movement in the spring and fall.
2378.12.311	M.U.D. 12	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.13.321	M.U.D. 13	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.14.311	MUD 14	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase
2378.15.311	MUD 15	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.16.311	M.U.D. 16	2	E304	ACTIVE	FA	PWB	12/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
6006.40.	OWEGO BR. CO. LINE	2	E352	BACKLOG	FA		06/01/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	SECTION OF HIGHWAY IS BEING MONITORED USING A SLOPE INDICATOR.
9044.22	RTE 30 N. BLENHEIM	2	E352	BACKLOG	FA		06/01/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	BRIDGE SITE 2 IS BEING MONITORED. ARTESIAN WELLS.
** Subtotal **															8	0	
** CATEGORY RESEARCH & DEVELOPMENT																	
E303A	MUD 3 REPORT (design)	2	E303	BACKLOG	FA	REG	12/01/84	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	1ST Draft in progress.
E303B	MUD 3 REPORT (const.)	2	E303	ACTIVE	FA	RLS	01/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Stage construction w/wick drains.
E352C	TRB MANUAL-FOUNDATIONS #2	2	E353	ACTIVE	FA		02/01/86	/ /	/ /	/ /	/ /	00/01/86	/ /	/ /	2	1	#1 TRB PAPER out. #2 BUREAU REPORT --Bureau review completed.

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* CURRENT PROJECT STATUS *
* ROADWAY FOUNDATION SECTION *
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PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
E353D	DRILL LOG INTERPRETATION	2	E353	ACTIVE	FA	WSJ	07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Additional research in progress as of 2/25/86. NO ACTIVITY DURING MAY.
E353G	DUTCH CONE INTERP	2	E353	BACKLOG	FA		07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	No ACTIVITY.
E353I	Pp VS STRENGTH FOR ORG L	2	E353	ACTIVE	FA	WSJ	12/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Literature research in progress (2/25/86)
E353L	CLOSE SEQ.EXC. & BACKFILL	2	E353	NEW	FA	WSJ	03/19/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	WAITING FOR REVIEW OF PROJECT SAMPLE BEFORE PROCEEDING.
** Subtotal **															8	1	
*** Total ***															17	1	

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* CURRENT PROJECT STATUS *
* ROADWAY FOUNDATION SECTION *
****

PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
** CATEGORY DESIGN																	
1057.11.121	RTE.150 BROOKVIEW BRIDGE	2	E303	ACTIVE	JTS	DJT	03/03/86	04/01/88	/ /	/ /	/ /	10/31/86	05/20/86	/ /	1		@ VANE TESTS AND BORINGS IN PROGRESS.
6218.08.121	BENNETTSBURG-PERRY CITY	2	E303	ACTIVE	JTS	FAA	05/20/86	08/01/87	/ /	/ /	/ /	/ /	/ /	/ /	1		@ WILL RECEIVE PLANS AND PROFILE FROM THE REGION SOON, AS PER E. LANGE.
E112.18.701	TALLYRAND SWAMP	2	E303	INACTIVE	JTS	RJS	04/01/84	/ /	/ /	/ /	/ /	/ /	/ /	05/01/85	1	1	THRUWAY PROJECT. Investigation complete. Recommendations verbally transmitted to consultant. No response since 5/85.
M104.00.701	RT.22,WADHAMS&WALLONSBURG	2	E303	ACTIVE	JTS	RJS	12/01/85	/ /	12/01/85	/ /	/ /	08/01/86	05/05/86	/ /	1		@ PRELIMINARY COST ESTIMATE AND BORING REQUEST SUBMITTED TO REGION. DRILLING COMPLETED 5/6/86. DAVE T. HAS WADHAMS AND SULLY HAS WALLONSBURG.
M604.00.701	RTE 19 BELFAST	2	E303	ACTIVE	JTS	RJS	07/01/85	/ /	09/01/85	01/29/86	/ /	08/01/86	04/15/86	/ /	1		@ SLOW SLOPE MOVEMENT. No rush - correction is cost dependent. Preliminary borings requested 9/26/85, received 1/29/86.
** Subtotal **															5	1	
** CATEGORY INSTRUMENTATION																	
0045.00.	NASSAU EXPRESSWAY	2	E303	INACTIVE	JTS	RJS	06/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1		@ When construction starts, instrumentation will monitor embankment settlement.
3022.17.321	RTE. 38 GROTON LOCKE	2	E303	ACTIVE	JTS	REB	07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1		@ MONITORING POST-CONSTRUCTION MOVEMENT. NO MOVEMENT AS OF APRIL 1986.

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* CURRENT PROJECT STATUS *
* ROADWAY FOUNDATION SECTION *
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PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
** Subtotal **															2	0	
** CATEGORY RESEARCH & DEVELOPMENT																	
E353E	RECHARGE BASINS REPORT	2	E353	BACKLOG	JTS		00/01/83	/ /	/ /	/ /	/ /	12/31/86	/ /	/ /	1	0	RFS WILL COMPLETE MANUAL.
E353H	CONSTANT RATE OF STRAIN	2	E353	ACTIVE	JTS	RJS	12/01/85	/ /	/ /	/ /	/ /	11/01/86	/ /	/ /	1	0	LAB TESTING IN PROGRESS.
E362K	TRIAX. CU EXTENSION TEST	2	E362	ACTIVE	JTS		03/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	0	0	WORK PLAN IN PREPARATION.
** Subtotal **															2	0	
*** Total ***															9	1	

REPORT OPTION # 3

"PROJECT MAN-DAYS CHECKSHEET"

RFS MANPOWER EXPENDITURE PER PROJECT
DATA ENTRY ERROR CHECKSHEET

SENIOR	FUNCTION CODE	PIN	MANHOURS FOR SENIOR	DESIGNER	MANHOURS FOR DESIGNER
** PAY PERIOD # 2					
EDK	E304	3298.00.313	30.00		0.00
EDK	E353	E104.05.701	39.00		0.00
EDK	E353	P006.01.801	6.00		0.00
EDK	E303	2018.00	0.00	JER	9.50
EDK	E304	3298.00.313	0.00	JER	30.00
EDK	E309	M104.00.701	0.00	JER	3.00
EDK	E353	P006.01.801	0.00	JER	23.50
EDK	E354	E354	0.00	JSD	49.50
EDK	E354	E354	0.00	REG	53.00
FXA	E304	2378.12.311	9.00		0.00
FXA	E304	2378.13.311	11.00		0.00
FXA	E304	2378.16.311	13.00		0.00
FXA	E305	8030.20.121	13.00		0.00
FXA	E353	E353	17.00		0.00
FXA	E303	2378.12.311	0.00	MJB	2.50
FXA	E303	2378.13.311	0.00	MJB	27.50
FXA	E303	2378.16.311	0.00	MJB	3.50
FXA	E353	E353	0.00	MJB	11.50
FXA	E303	M904.00.701	0.00	PWB	0.50
FXA	E304	2018.00.322	0.00	PWB	18.00
FXA	E304	2378.12.311	0.00	PWB	16.00
FXA	E304	2378.16.311	0.00	PWB	8.00
FXA	E353	E353	0.00	PWB	25.50
FXA	E304	3298.00.313	0.00	WSJ	7.50
FXA	E305	8030.20.121	0.00	WSJ	17.00
FXA	E353	E353	0.00	WSJ	25.00
JTS	E303	1057.11.121	4.00		0.00
JTS	E303	M104.00.701	28.00		0.00
JTS	E303	M604.00.701	3.50		0.00
JTS	E362	E104.04.701	6.00		0.00
JTS	E362	E362	19.00		0.00
JTS	E303	M104.00.701	0.00	DJT	26.25
JTS	E362	E362	0.00	DJT	27.00
JTS	E303	2006.09.101	0.00	FAA	11.50
JTS	E304	2378.13.311	0.00	FAA	4.50
JTS	E303	M104.00.701	0.00	JR	30.00
JTS	E354	E354	0.00	JR	17.50
JTS	E304	E112.99.701	0.00	JR	4.00
JTS	E303	M104.00.701	0.00	RJS	58.00
JTS	E303	M604.00.701	0.00	RJS	12.50
JTS	E305	0754.25.121	0.00	RJS	8.00

REPORT OPTION # 4

"PROJECT MAN-DAYS REPORT"

****
* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
****

FAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
	PIN 0754.25.121					
	* FUNCTION CODE E305					
2	0.00	JTS	8.00	RJS	8.00	1.07
	Subsubtotal *					
	0.00		8.00		8.00	1.07
	** Subtotal **					
	0.00		8.00		8.00	1.07
	** PIN 1057.11.121					
	FUNCTION CODE E303					
	6.00	JTS	0.00		6.00	0.80
1	0.00	JTS	3.00	DJT	3.00	0.40
	4.00	JTS	0.00		4.00	0.53
	7.50	JTS	0.00		7.50	1.00
4	0.00	JTS	61.00	DJT	61.00	8.13
4	0.00	BEB	21.00	JTS	21.00	2.80
	0.00	JTS	23.50	FAA	23.50	3.13
	0.00	JTS	50.00	DJT	50.00	6.67
5	0.00	JTS	3.00	FAA	3.00	0.40
	9.00	JTS	0.00		9.00	1.20
	11.00	JTS	0.00		11.00	1.47
6	0.00	JTS	4.00	FAA	4.00	0.53
6	0.00	JTS	35.50	DJT	35.50	4.73
	Subsubtotal *					
	37.50		201.00		238.50	31.80
	** Subtotal **					
	37.50		201.00		238.50	31.80
	** PIN 1089.34.122					
	FUNCTION CODE E303					
1	2.00	EDK	0.00		2.00	0.27
1	0.00	EDK	20.50	JSD	20.50	2.73
	Subsubtotal *					
	2.00		20.50		22.50	3.00
	** Subtotal **					
	2.00		20.50		22.50	3.00
	** PIN 1130.38.101					
	FUNCTION CODE E303					
	0.00	JTS	36.00	JSR	36.00	4.80
5	0.00	JTS	15.75	DJT	15.75	2.10
	0.00	JTS	29.50	RJS	29.50	3.93
	10.00	JTS	0.00		10.00	1.33

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
****

PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
	12.50	JTS	0.00		12.50	1.67
6	0.00	JTS	52.50	RJS	52.50	7.00
6	0.00	JTS	14.00	JSR	14.00	1.87
* Subsubtotal *						
	22.50		147.75		170.25	22.70
** Subtotal **						
	22.50		147.75		170.25	22.70
** PIN 1751.49.121						
* FUNCTION CODE E303						
	0.00	JTS	14.00	JSR	14.00	1.87
6	0.00	JTS	17.00	JSR	17.00	2.27
* Subsubtotal *						
	0.00		31.00		31.00	4.13
* FUNCTION CODE E305						
	0.00		6.50	JSD	6.50	0.87
	0.00	EDK	6.00	JSD	6.00	0.80
6	8.00	EDK	0.00		8.00	1.07
* Subsubtotal *						
	8.00		12.50		20.50	2.73
** Subtotal **						
	8.00		43.50		51.50	6.87
** PIN 2006.09.101						
* FUNCTION CODE E303						
	33.50	JTS	0.00		33.50	4.47
1	0.00	JTS	51.50	RJS	51.50	6.87
1	0.00	JTS	58.25	FAA	58.25	7.77
	0.00	JTS	11.50	FAA	11.50	1.53
	0.00		16.00	FAA	16.00	2.13
* Subsubtotal *						
	33.50		137.25		170.75	22.77
* Subtotal **						
	33.50		137.25		170.75	22.77
* PIN 2018.00						
* FUNCTION CODE E303						
	0.00	EDK	9.50	JER	9.50	1.27
* Subsubtotal *						
	0.00		9.50		9.50	1.27

****
* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
****

PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* Subtotal **	0.00		9.50		9.50	1.27
* PIN 2018.00.322						
* FUNCTION CODE E304						
	0.00	FXA	18.00	PWB	18.00	2.40
	3.00	FXA	0.00		3.00	0.40
	0.00		8.50	FWB	8.50	1.13
4	0.00	FXA	2.50	PWB	2.50	0.33
	0.00	FXA	3.50	PWB	3.50	0.47
Subsubtotal *	3.00		32.50		35.50	4.73
** Subtotal **	3.00		32.50		35.50	4.73
** PIN 2378.12.311						
FUNCTION CODE E303						
1	0.00	FXA	7.50	MJB	7.50	1.00
	0.00	FXA	2.50	MJB	2.50	0.33
	0.00	FAX	35.00	MJB	35.00	4.67
* Subsubtotal *	0.00		45.00		45.00	6.00
FUNCTION CODE E304						
3	17.50	FXA	0.00		17.50	2.33
	19.00	FXA	0.00		19.00	2.53
	9.00	FXA	0.00		9.00	1.20
2	0.00	FXA	16.00	PWB	16.00	2.13
3	0.00		10.00	FWB	10.00	1.33
	0.00		17.75	MJB	17.75	2.37
	0.00	FXA	8.50	PWB	8.50	1.13
4	0.00	FXA	10.00	MJB	10.00	1.33
	12.50	FXA	0.00		12.50	1.67
	0.00	BEB	12.00	JTS	12.00	1.60
5	27.00	FXA	0.00		27.00	3.60
5	0.00	FXA	49.50	MJB	49.50	6.60
	0.00	FXA	3.00	PWB	3.00	0.40
	39.50	FAX	0.00		39.50	5.27
6	0.00	FXA	17.00	MJB	17.00	2.27
	0.00	FXA	28.50	PWB	28.50	3.80
Subsubtotal *	124.50		172.25		296.75	39.57

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
	FUNCTION CODE E304					
4	0.00	JTS	7.50	RJS	7.50	1.00
	* Subsubtotal *					
	0.00		7.50		7.50	1.00
	** Subtotal **					
	124.50		224.75		349.25	46.57
	* PIN 2378.13.311					
	* FUNCTION CODE E303					
	0.00	FXA	5.00	MJB	5.00	0.67
	0.00	FXA	27.50	MJB	27.50	3.67
	* Subsubtotal *					
	0.00		32.50		32.50	4.33
	* FUNCTION CODE E304					
1	16.50	FXA	0.00		16.50	2.20
	0.00	FXA	5.50	PWB	5.50	0.73
2	11.00	FXA	0.00		11.00	1.47
2	0.00	JTS	4.50	FAA	4.50	0.60
	11.50	FXA	0.00		11.50	1.53
	0.00		25.50	PWB	25.50	3.40
3	0.00		52.75	MJB	52.75	7.03
3	0.00		8.50	FAA	8.50	1.13
	0.00	FXA	14.00	PWB	14.00	1.87
4	0.00	FXA	9.50	MJB	9.50	1.27
4	16.00	FXA	0.00		16.00	2.13
	11.50	FXA	0.00		11.50	1.53
	0.00	FXA	14.00	PWB	14.00	1.87
6	6.50	FAX	0.00		6.50	0.87
	0.00	FXA	15.00	PWB	15.00	2.00
3	0.00	FXA	4.00	PWB	4.00	0.53
	* Subsubtotal *					
	73.00		153.25		226.25	30.17
	* Subtotal **					
	73.00		185.75		258.75	34.50
	* PIN 2378.13.322					
	* FUNCTION CODE E304					
5	0.00	FXA	1.00	REG	1.00	0.13
	Subsubtotal *					
	0.00		1.00		1.00	0.13

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* Subtotal **						
	0.00		1.00		1.00	0.13
* PIN 2378.16.311						
* FUNCTION CODE E303						
1	0.00	FXA	19.25	MJB	19.25	2.57
	0.00	JTS	7.50	DJT	7.50	1.00
2	0.00	FXA	3.50	MJB	3.50	0.47
* Subsubtotal *						
	0.00		30.25		30.25	4.03
* FUNCTION CODE E304						
	17.50	FXA	0.00		17.50	2.33
	0.00	FXA	7.25	WSJ	7.25	0.97
1	0.00	FXA	3.00	PWB	3.00	0.40
2	13.00	FXA	0.00		13.00	1.73
	0.00	FXA	8.00	PWB	8.00	1.07
	8.50	FXA	0.00		8.50	1.13
3	0.00		8.00	PWB	8.00	1.07
	0.00		4.50	MJB	4.50	0.60
	0.00	FXA	7.00	PWB	7.00	0.93
4	0.00	FXA	7.50	MJB	7.50	1.00
4	12.00	FXA	0.00		12.00	1.60
	13.25	FXA	0.00		13.25	1.77
	0.00	FXA	4.00	PWB	4.00	0.53
6	5.00	FAX	0.00		5.00	0.67
	0.00	FXA	6.50	PWB	6.50	0.87
* Subsubtotal *						
	69.25		55.75		125.00	16.67
** Subtotal **						
	69.25		86.00		155.25	20.70
** PIN 2378.16.312						
* FUNCTION CODE E304						
1	0.00	EDK	7.50	REG	7.50	1.00
* Subsubtotal *						
	0.00		7.50		7.50	1.00
** Subtotal **						
	0.00		7.50		7.50	1.00

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* PIN Z378.16.701						
* FUNCTION CODE E303						
	0.00	JTS	7.50	JR	7.50	1.00
Subsubtotal *						
	0.00		7.50		7.50	1.00
** Subtotal **						
	0.00		7.50		7.50	1.00
** PIN 3298.00.313						
FUNCTION CODE E303						
3	0.00		9.50	JR	9.50	1.27
4	0.00	JTS	5.00	JSR	5.00	0.67
Subsubtotal *						
	0.00		14.50		14.50	1.93
FUNCTION CODE E304						
	0.00	FXA	7.50	WSJ	7.50	1.00
2	30.00	EDK	0.00		30.00	4.00
2	0.00	EDK	30.00	JER	30.00	4.00
	0.00		6.00	WSJ	6.00	0.80
3	40.00	EDK	0.00		40.00	5.33
3	0.00		75.00	JER	75.00	10.00
	0.00	EDK	62.50	JER	62.50	8.33
	0.00	BEB	24.50	EDK	24.50	3.27
5	40.00	EDK	0.00		40.00	5.33
5	0.00	EDK	71.00	JER	71.00	9.47
	0.00	EDK	75.00	JER	75.00	10.00
6	27.00	EDK	0.00		27.00	3.60
* Subsubtotal *						
	137.00		351.50		488.50	65.13
* Subtotal **						
	137.00		366.00		503.00	67.07
* PIN 4088.02.114						
* FUNCTION CODE E305						
	0.00	BEB	6.00	EDK	6.00	0.80
5	20.00	EDK	0.00		20.00	2.67
6	14.00	EDK	0.00		14.00	1.87
Subsubtotal *						
	34.00		6.00		40.00	5.33

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
** Subtotal **						
	34.00		6.00		40.00	5.33
** PIN 4088.03.114						
* FUNCTION CODE E305						
6	0.00	FXA	38.00	WSJ	38.00	5.07
* Subsubtotal *						
	0.00		38.00		38.00	5.07
** Subtotal **						
	0.00		38.00		38.00	5.07
** PIN 5268.16.121						
* FUNCTION CODE E305						
6	2.50	JTS	0.00		2.50	0.33
6	0.00	JTS	4.50	RJS	4.50	0.60
* Subsubtotal *						
	2.50		4.50		7.00	0.93
** Subtotal **						
	2.50		4.50		7.00	0.93
** PIN 5935.56.304						
* FUNCTION CODE E321						
1	0.00	EDK	0.00		0.00	0.00
* Subsubtotal *						
	0.00		0.00		0.00	0.00
** Subtotal **						
	0.00		0.00		0.00	0.00
** PIN 6006.60.323						
* FUNCTION CODE E304						
4	0.00	FXA	5.50	PWB	5.50	0.73
4	2.50	FXA	0.00		2.50	0.33
5	4.50	FXA	0.00		4.50	0.60
5	0.00	FXA	15.00	PWB	15.00	2.00
* Subsubtotal *						
	7.00		20.50		27.50	3.67
** Subtotal **						
	7.00		20.50		27.50	3.67

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
** PIN 6213.08.121						
* FUNCTION CODE E303						
4	0.00	BEB	8.00	JTS	8.00	1.07
4	0.00	JTS	24.75	FAA	24.75	3.30
5	0.00	JTS	55.00	FAA	55.00	7.33
5	20.50	JTS	0.00		20.50	2.73
6	18.50	JTS	0.00		18.50	2.47
6	0.00	JTS	57.50	FAA	57.50	7.67
* Subsubtotal *	39.00		145.25		184.25	24.57
** Subtotal **	39.00		145.25		184.25	24.57
** PIN 7750.94.121						
* FUNCTION CODE E305						
3	0.00		11.50	PWB	11.50	1.53
* Subsubtotal *	0.00		11.50		11.50	1.53
** Subtotal **	0.00		11.50		11.50	1.53
** PIN 8030.20.121						
* FUNCTION CODE E305						
2	13.00	FXA	0.00		13.00	1.73
2	0.00	FXA	17.00	WSJ	17.00	2.27
3	12.00	FXA	0.00		12.00	1.60
3	0.00		30.25	WSJ	30.25	4.03
5	0.00	FXA	2.50	WSJ	2.50	0.33
* Subsubtotal *	25.00		49.75		74.75	9.97
** Subtotal **	25.00		49.75		74.75	9.97
** PIN 8040.57.302						
* FUNCTION CODE E124						
4	0.00	JTS	4.50	FAA	4.50	0.60
* Subsubtotal *	0.00		4.50		4.50	0.60
** Subtotal **	0.00		4.50		4.50	0.60

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR	MAN-HOURS DESIGNER FOR DESIGNER	TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
** PIN 8068.00.125				
* FUNCTION CODE E303				
1	0.00 JTS	4.00 RJS	4.00	0.53
* Subsubtotal *	0.00	4.00	4.00	0.53
** Subtotal **	0.00	4.00	4.00	0.53
** PIN 9095.04.121				
* FUNCTION CODE E303				
1	3.00 JTS	0.00	3.00	0.40
* Subsubtotal *	3.00	0.00	3.00	0.40
** Subtotal **	3.00	0.00	3.00	0.40
** PIN 9095.36.101				
* FUNCTION CODE E308				
4	0.00 BEB	32.00 EDK	32.00	4.27
* Subsubtotal *	0.00	32.00	32.00	4.27
** Subtotal **	0.00	32.00	32.00	4.27
** PIN 9095.36.301				
* FUNCTION CODE E308				
3	0.00	10.00 WSJ	10.00	1.33
3	15.00 EDK	0.00	15.00	2.00
4	0.00 FXA	67.00 WSJ	67.00	8.93
5	0.00 FXA	24.00 WSJ	24.00	3.20
6	0.00 FXA	6.00 WSJ	6.00	0.80
* Subsubtotal *	15.00	107.00	122.00	16.27
** Subtotal **	15.00	107.00	122.00	16.27
** PIN 9357.18.111				
* FUNCTION CODE E305				
5	0.00 EDK	2.00 JER	2.00	0.27

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* Subsubtotal *						
	0.00		2.00		2.00	0.27
** Subtotal **						
	0.00		2.00		2.00	0.27
** PIN 9801.56.						
* FUNCTION CODE E303						
5	0.00	JTS	7.50	DJT	7.50	1.00
* Subsubtotal *						
	0.00		7.50		7.50	1.00
** Subtotal **						
	0.00		7.50		7.50	1.00
** PIN 9801.56.101						
* FUNCTION CODE E303						
6	0.00	JTS	7.50	DJT	7.50	1.00
* Subsubtotal *						
	0.00		7.50		7.50	1.00
** Subtotal **						
	0.00		7.50		7.50	1.00
** PIN E104.04.701						
* FUNCTION CODE E362						
1	6.50	JTS	0.00		6.50	0.87
2	6.00	JTS	0.00		6.00	0.80
3	5.00	JTS	0.00		5.00	0.67
4	0.00	BEB	3.00	JTS	3.00	0.40
* Subsubtotal *						
	17.50		3.00		20.50	2.73
** Subtotal **						
	17.50		3.00		20.50	2.73
** PIN E104.05.701						
* FUNCTION CODE E353						
1	56.50	EDK	0.00		56.50	7.53
1	0.00	EDK	13.00	REG	13.00	1.73
2	39.00	EDK	0.00		39.00	5.20
3	20.00	EDK	0.00		20.00	2.67
6	27.00	EDK	0.00		27.00	3.60

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* Subsubtotal *						
	142.50		13.00		155.50	20.73
** Subtotal **						
	142.50		13.00		155.50	20.73
** PIN E112.99.701						
* FUNCTION CODE E384						
2	0.00	JTS	4.00	JR	4.00	0.53
3	0.00		14.00	JR	14.00	1.87
3	0.00		7.50	FAA	7.50	1.00
4	0.00	JTS	1.00	JSR	1.00	0.13
* Subsubtotal *						
	0.00		26.50		26.50	3.53
** Subtotal **						
	0.00		26.50		26.50	3.53
** PIN E353						
* FUNCTION CODE E353						
1	14.00	FXA	0.00		14.00	1.87
1	0.00	FXA	20.75	WSJ	20.75	2.77
1	0.00	FXA	29.00	PWB	29.00	3.87
1	0.00	FXA	23.00	MJB	23.00	3.07
2	17.00	FXA	0.00		17.00	2.27
2	0.00	FXA	25.00	WSJ	25.00	3.33
2	0.00	FXA	25.50	PWB	25.50	3.40
2	0.00	FXA	11.50	MJB	11.50	1.53
3	12.25	FXA	0.00		12.25	1.63
4	0.00	FXA	29.50	MJB	29.50	3.93
4	13.50	FXA	0.00		13.50	1.80
5	17.00	FXA	0.00		17.00	2.27
5	0.00	FXA	23.00	MJB	23.00	3.07
5	0.00	FXA	28.50	PWB	28.50	3.80
5	0.00	FXA	25.50	WSJ	25.50	3.40
6	9.00	FAX	0.00		9.00	1.20
6	0.00	FXA	21.50	MJB	21.50	2.87
6	0.00	FXA	7.50	WSJ	7.50	1.00
6	0.00	FXA	19.00	WSJ	19.00	2.53
* Subsubtotal *						
	82.75		289.25		372.00	49.60
** Subtotal **						
	82.75		289.25		372.00	49.60

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* PIN E354						
* FUNCTION CODE E354						
	0.00	FXA	3.00	WSJ	3.00	0.40
	0.00	JTS	7.50	JR	7.50	1.00
1	0.00	EDK	39.00	REG	39.00	5.20
1	0.00	EDK	32.00	JSD	32.00	4.27
1	0.00	JTS	17.50	JR	17.50	2.33
2	0.00	EDK	53.00	REG	53.00	7.07
2	0.00	EDK	49.50	JSD	49.50	6.60
3	0.00		3.50	WSJ	3.50	0.47
3	0.00		9.50	JR	9.50	1.27
3	0.00		75.00	REG	75.00	10.00
3	0.00		6.00	JSD	6.00	0.80
3	0.00	JTS	10.00	JSR	10.00	1.33
4	0.00	EDK	67.50	REG	67.50	9.00
4	0.00	EDK	51.50	JSD	51.50	6.87
5	0.00	EDK	74.00	REG	74.00	9.87
5	0.00	JTS	25.00	JSR	25.00	3.33
5	13.50	JTS	0.00		13.50	1.80
5	16.50	JTS	0.00		16.50	2.20
5	0.00	JTS	29.00	JSR	29.00	3.87
6	0.00	EDK	67.50	REG	67.50	9.00
* Subsubtotal *						
	30.00		620.00		650.00	86.67
** Subtotal **						
	30.00		620.00		650.00	86.67
* PIN E362						
* FUNCTION CODE E362						
1	11.00	JTS	0.00		11.00	1.47
1	0.00	JTS	46.50	DJT	46.50	6.20
2	19.00	JTS	0.00		19.00	2.53
2	0.00	JTS	27.00	DJT	27.00	3.60
3	6.00	JTS	0.00		6.00	0.80
6	6.50	JTS	0.00		6.50	0.87
6	0.00	JTS	17.00	DJT	17.00	2.27
* Subsubtotal *						
	42.50		90.50		133.00	17.73
** Subtotal **						
	42.50		90.50		133.00	17.73

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* PIN E366						
* FUNCTION CODE E366						
	0.00	FXA	3.50	MJB	3.50	0.47
	0.00	FXA	1.50	MJB	1.50	0.20
* Subsubtotal *	0.00		5.00		5.00	0.67
* Subtotal **	0.00		5.00		5.00	0.67
* PIN E501						
* FUNCTION CODE E501						
	0.00		1.50	FAA	1.50	0.20
Subsubtotal *	0.00		1.50		1.50	0.20
** Subtotal **	0.00		1.50		1.50	0.20
** PIN M104.00.701						
FUNCTION CODE E303						
1	3.00	JTS	0.00		3.00	0.40
	0.00	JTS	4.50	RJS	4.50	0.60
	28.00	JTS	0.00		28.00	3.73
2	0.00	JTS	30.00	JR	30.00	4.00
2	0.00	JTS	26.25	DJT	26.25	3.50
	0.00	JTS	58.00	RJS	58.00	7.73
	37.50	JTS	0.00		37.50	5.00
3	0.00		33.00	JR	33.00	4.40
	0.00		67.50	DJT	67.50	9.00
	0.00		58.00	RJS	58.00	7.73
3	0.00		32.75	FAA	32.75	4.37
4	0.00	JTS	51.50	JSR	51.50	6.87
	0.00	JTS	20.00	RJS	20.00	2.67
	0.00	BEB	12.00	JTS	12.00	1.60
5	0.00	JTS	41.50	RJS	41.50	5.53
	0.00	JTS	12.50	FAA	12.50	1.67
	9.00	JTS	0.00		9.00	1.20
* Subsubtotal *	77.50		447.50		525.00	70.00
* FUNCTION CODE E309						
2	0.00	EDK	3.00	JER	3.00	0.40
5	0.00	EDK	2.00	JER	2.00	0.27

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* Subsubtotal *						
	0.00		5.00		5.00	0.67
** Subtotal **						
	77.50		452.50		530.00	70.67
** PIN M504.00.701						
* FUNCTION CODE E303						
1	2.00	JTS	0.00		2.00	0.27
* Subsubtotal *						
	2.00		0.00		2.00	0.27
** Subtotal **						
	2.00		0.00		2.00	0.27
** PIN M604.00.701						
* FUNCTION CODE E303						
	6.00	JTS	0.00		6.00	0.80
1	0.00	JTS	10.00	RJS	10.00	1.33
2	3.50	JTS	0.00		3.50	0.47
2	0.00	JTS	12.50	RJS	12.50	1.67
3	8.50	JTS	0.00		8.50	1.13
3	0.00		7.50	RJS	7.50	1.00
3	0.00		4.50	FAA	4.50	0.60
4	0.00	JTS	34.50	RJS	34.50	4.60
4	0.00	BEB	2.50	JTS	2.50	0.33
5	0.00	JTS	3.00	RJS	3.00	0.40
5	2.00	JTS	0.00		2.00	0.27
5	0.00	JTS	16.50	RJS	16.50	2.20
* Subsubtotal *						
	20.00		91.00		111.00	14.80
** Subtotal **						
	20.00		91.00		111.00	14.80
** PIN M804.00.701						
* FUNCTION CODE E124						
4	0.00	JTS	6.50	FAA	6.50	0.87
* Subsubtotal *						
	0.00		6.50		6.50	0.87
** Subtotal **						
	0.00		6.50		6.50	0.87

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* ROADWAY FOUNDATION SECTION *
* MAN-POWER EXPENDITURES PER PROJECT *
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PAY PERIOD #	MAN-HOURS SENIOR FOR SENIOR		MAN-HOURS DESIGNER FOR DESIGNER		TOTAL MAN-HOURS FOR PROJECT	TOTAL MAN-DAYS FOR PROJECT
* PIN M904.00.701						
* FUNCTION CODE E303						
	3.00	FXA	0.00	W	3.00	0.40
	0.00	FXA	7.50	PWB	7.50	1.00
1	0.00	FXA	3.00	MJB	3.00	0.40
2	0.00	FXA	0.50	PWB	0.50	0.07
	0.00		10.50	PWB	10.50	1.40
* Subsubtotal *						
	3.00		21.50		24.50	3.27
** Subtotal **						
	3.00		21.50		24.50	3.27
** PIN P006.01.801						
* FUNCTION CODE E353						
1	8.00	EDK	0.00		8.00	1.07
	0.00	EDK	0.00		0.00	0.00
	6.00	EDK	0.00		6.00	0.80
2	0.00	EDK	23.50	JER	23.50	3.13
	0.00		5.00	JEH	5.00	0.67
	0.00	EDK	5.00	JER	5.00	0.67
* Subsubtotal *						
	14.00		33.50		47.50	6.33
** Subtotal **						
	14.00		33.50		47.50	6.33
*** Total ***						
	1067.50		3572.25		4639.75	618.63

REPORT OPTION # 5

"END OF YEAR PROJECT STATUS REPORT"

Project Report including those with a status of completed.

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* CURRENT PROJECT STATUS *
* ROADWAY FOUNDATION SECTION *
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PIN	PROJECT	PAY PERIOD NUMBER	FUNCT CODE	STATUS	S E N R	D S N R	PROJ RECVD	PS&E	PLANS RECVD	BORINGS RECVD	LAB DATA RECVD	TARGET COMP DATE	DESIGN STARTED	DESIGN COMPLETE	# PROB IN	# PROB OUT	COMMENTS
** CATEGORY DESIGN																	
1057.11.121	RTE.150 BROOKVIEW BRIDGE	2	E303	ACTIVE	JTS	DJT	03/03/86	04/01/88	/ /	/ /	/ /	10/31/86	05/23/86	/ /	1	0	VANE TESTS AND BORINGS IN PROGRESS.
1069.34.122	RTE. 4 & 197 BRIDGES	2	E301	ACTIVE	EDK	JSD	10/01/85	06/01/87	/ /	/ /	02/01/86	/ /	/ /	/ /	1	0	Alignment change. New studies will be required.
1347.04.121	RTE 396 SELKIRK RR BR	2	E303	COMPLETED	JTS	DJT	02/10/86	08/01/86	/ /	02/24/86	03/26/86	04/10/86	02/24/86	04/01/86	1	1	PRELIMINARY DESIGN OUT FOR ALTERNATE C.
1751.00.121	HILL STR. NEW EASTON BR	2	E305	COMPLETED	FA	MJB	07/16/85	00/01/00	/ /	/ /	/ /	/ /	/ /	01/17/86	1	0	FIR. Recommended placing abutments and piers on piles.
2006.09.101	RTE 163 FT. PLAIN(#2)	2	E303	COMPLETED	JTS	FAA	07/01/85	06/01/86	08/07/85	10/31/85	11/06/86	04/15/86	11/10/85	04/16/86	2	1	REPORT TRANSMITTED ON 4/16/86.
2018.00.	RT.5S	2	E303	BACKLOG	EDK	JER	04/25/86	01/01/88	/ /	/ /	/ /	09/30/86	/ /	/ /	1	0	NOT A HOT JOB, SWAMP AREA. FIELD TRIP PLANNED FOR END OF MONTH.
3298.00.313	I-81, HIAWATHA BLVD.	2	E303	NEW	EDK	JER	01/01/86	01/01/88	/ /	/ /	/ /	/ /	/ /	/ /	1	0	BORING PROGRAM ONGOING, SUBSIDENCE OR SHEAR FAILURE ? SLOPE INDICATORS AND OBSERVATION WELLS HAVE BEEN INSTALLED.
3298.00.321	HIAWATHA BLVD W.BERM #2	2	E303	COMPLETED	FA	WSJ	12/12/85	/ /	12/12/85	/ /	/ /	02/01/86	12/12/85	01/30/86	1	1	Reactivated. Investigated feasability of placing additional 2'-4' of fill on west berm. Recommended 2' only.
3314.15.121	RTE. 34 AND 96 NEWFIELD	2	E303	COMPLETED	JCI	JCI	09/01/84	12/01/86	/ /	/ /	/ /	/ /	09/01/84	11/13/84	1	0	RECOMMENDED SLOPE FLATTENING.
5751.68.121	BLEY ROAD	2	E303	COMPLETED	EDK	WSJ	05/01/85	05/01/86	12/01/85	/ /	/ /	/ /	05/01/85	01/30/86	3	3	Third report. Recommendations revised to a SLOPE FLATTENING TREATMENT.
6006.04.121	RTE 17 CORNING AREA	2	E303	COMPLETED	JTS	DJT	08/01/85	/ /	11/01/85	09/19/85	/ /	08/01/86	08/01/85	02/13/86	1	0	SHOULDER FAILURE. Recommended excavate & backfill.

CURRENT PROJECT STATUS
ROADWAY FOUNDATION SECTION

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6218.08.121	BENNETTSBURG-PERRY CITY	2	E303	ACTIVE	JTS	FAA	05/20/86	08/01/87	/ /	/ /	/ /	/ /	/ /	/ /	1	0	WILL RECEIVE PLANS AND PROFILE FROM THE REGION SOON, AS PER E. LANGE.
7110.02.121	RTE 9B OVER RR	2	E303	COMPLETED	FA	RLS	02/05/86	05/01/86	01/24/86	02/14/86	/ /	04/01/86	/ /	03/21/86	1	0	Bridge replacement with R.E. wall.
8030.20.	RT.59 OVER PASCAK CREEK	2	E303	NEW	FA	WSJ	04/23/86	01/01/87	/ /	/ /	/ /	/ /	/ /	/ /	1	0	SUBSURFACE EXPLORATION IN PROGRESS.
8068.00.125	RTE 9 SHEAFE ROAD	2	E303	COMPLETED	JTS	RJS	01/22/86	05/01/86	02/01/86	01/30/86	02/13/86	04/15/86	01/22/86	04/03/86	1	0	REPORT OUT FOR WEST SIDE OF WIDENING. REPORT FOR EAST SIDE SENT OUT4/3/86.
8751.05.121	NANUET RR BUS LOT	2	E320	COMPLETED	FA	RLS	10/01/85	/ /	/ /	11/15/85	12/01/85	12/31/85	10/01/85	02/04/86	1	1	FILLING OF SWAMP FOR PARKING LOT. Recommended Stage Const. & 6' surcharge. Reactivated. Investigated feasibility of placing 2&4' surcharge. Recommend 4' only.
9044.22.121	RTE. 30 GRAND GORGE	2	E303	COMPLETED	EDK	REG	01/01/85	/ /	/ /	/ /	/ /	/ /	01/01/80	03/21/86	1	1	STA-PODS. A experimental feature on site #4.
9095.36.301	SHARON SPRINGS WALL	2	E308	ACTIVE	EDK	WSJ	05/12/86	/ /	/ /	/ /	/ /	06/01/86	05/20/86	/ /	2	0	SLOPE STABILIZATION, WALL AT TOP TOE OF SLOPE. CONSTRUCTION PROBLEM.
E112.18.701	TALLYRAND SWAMP	2	E303	INACTIVE	JTS	RJS	04/01/84	/ /	/ /	/ /	/ /	/ /	/ /	05/01/85	1	1	THRUWAY PROJECT. Investigation complete. Recommendations verbally transmitted to consultant. No response since 5/85.
M104.00.701	RT.22,WADHAMS&WALLONSBURG	2	E303	ACTIVE	JTS	RJS	12/01/85	/ /	12/01/85	/ /	/ /	08/01/86	05/05/86	/ /	1	0	PRELIMINARY COST ESTIMATE AND BORING REQUEST SUBMITTED TO REGION. DRILLING COMPLETED 5/6/86. DAVE T. HAS WADHAMS AND SULLY HAS WALLONSBURG.
M104.00.701	RTE 151 PIPE FAILURE	2	E310	COMPLETED	EDK	JER	12/01/85	/ /	/ /	/ /	/ /	/ /	/ /	01/31/86	1	1	PIPE FAILURE. Recommended removal of pipe and berm in failure area.

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* CURRENT PROJECT STATUS *
* ROADWAY FOUNDATION SECTION *
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M504.00.701	RTE 20@ ALLGANY RES'VOIR	2	E3@3	COMPLETED	JTS	RJS	@1/@1/84	/ /	/ /	/ /	/ /	/ /	/ /	/ /	2	1	OLD & SLOW MOVING FAILURE. REGION HAS PLACED ON HOLD UNTIL IT COMPLETELY FAILS BECAUSE OF THE HIGH COST OF REPAIRING IT NOW. BORINGS RQUESTED 2/24/84.
M504.00.701	RTE. 353 LEAVENWORTH	2	E3@3	COMPLETED	JTS	FAA	10/@1/82	/ /	@6/@1/84	@6/@1/83	/ /	@4/15/86	@3/@1/83	@4/11/86	1	1	ANALYSIS COMPLETE 1/31/86. SUMMARY REPORT OF DESIGN ACTIVITES COMPLETED 4/11/866.
M604.00.701	RTE 19 BELFAST	2	E3@3	ACTIVE	JTS	RJS	@7/@1/85	/ /	@9/@1/85	@1/29/86	/ /	@8/@1/86	@4/15/86	/ /	1	@	SLOW SLOPE MOVEMENT. No rush - correction is cost dependent. Preliminary borings requested 9/26/85, received 1/29/86.
M804.00.701	RTE. 6N WALL FAILURE	2	E3@7	COMPLETED	FA	WSJ	@2/@3/86	/ /	/ /	/ /	/ /	/ /	@2/@3/86	@2/13/86	1	1	STONE RETAINING WALL FAILURE. Recommended replacement with crib type wall. Preliminary cost estimate transmitted 3/18/86.
P@06.@1.@@1	ALBANY PORT EVAL. #5	2	E32@	COMPLETED	EDK	JER	@2/@1/85	/ /	/ /	/ /	/ /	/ /	/ /	@3/@1/86	6	5	Ongoing review of plans & specs for Phase 1 dock rehabilitation. Report #5 out 1/3@/86.
P@06.@1.@@1	BUFFALO PORT EVALUATION	2	E32@	ACTIVE	EDK	JER	@3/@1/85	/ /	/ /	/ /	/ /	@4/3@/86	@3/@1/86	/ /	1	@	FINAL DRAFT IN PROGRESS.
P@06.@1.@@1	OSWEGO PORT EVALUATION	2	E32@	ACTIVE	EDK	JER	@3/@1/85	/ /	/ /	/ /	/ /	@5/3@/86	@3/@1/85	/ /	1	@	FINAL REPORT BEING REPRODUCED.
P@06.@1.@@1	OGDENSBURG PORT EVAUL.	2	E32@	COMPLETED	EDK	JER	@3/@1/85	/ /	/ /	/ /	/ /	@5/@1/86	@3/@1/85	@5/1@/86	1	1	FINAL REPORT IS BEING REPRODUCED.
** Subtotal **															39	19	
** CATEGORY INSTRUMENTATION	ALT RTE 7 NOISE BARRIER	2	E354	INACTIVE	EDK	WSJ	10/@1/84	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	1	Monitoring post const movement. Spring reading will be taken in April. If their is no movement,no further readings will be taken unless requested.

CURRENT PROJECT STATUS
ROADWAY FOUNDATION SECTION

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0045.00.	NASSAU EXPRESSWAY	2	E303	INACTIVE	JTS	RJS	06/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	When construction starts, instrumentation will monitor embankment settlement.
1001.08.101	RTE. 2 BRUNSWICK-TROY	2	E352	ACTIVE	FA	MJB	05/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring wall movement in the spring and fall.
2378.12.311	M.U.D. 12	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.13.321	M.U.D. 13	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.14.311	MUD 14	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase
2378.15.311	MUD 15	2	E304	ACTIVE	FA	MJB	03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
2378.16.311	M.U.D. 16	2	E304	ACTIVE	FA	PWB	12/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Monitoring construction phase.
3022.17.321	RTE. 38 GROTON LOCKE	2	E303	ACTIVE	JTS	REB	07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	MONITORING POST-CONSTRUCTION MOVEMENT. NO MOVEMENT AS OF APRIL 1986.
6006.40.	ONEGO BR. CO. LINE	2	E352	BACKLOG	FA		06/01/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	SECTION OF HIGHWAY IS BEING MONITORED USING A SLOPE INDICATOR.
9044.22	RTE 30 N. BLENHEIM	2	E352	BACKLOG	FA		06/01/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	BRIDGE SITE 2 IS BEING MONITORED. ARTESIAN WELLS.
9357.15.121	BORST NOBLE RD	2	E303	ACTIVE	FA		06/01/83	/ /	/ /	/ /	/ /	12/12/87	/ /	/ /	1	0	SLIDE STABILIZATION. Monitoring post construction movement.
E351	PIEZOMETER SPECIFICATION	2	E351	ACTIVE	JCI	EAC	10/01/85	/ /	/ /	/ /	/ /	07/18/86	/ /	/ /	0	0	
E351	SCP-7 UPDATE	2	E351	ACTIVE	JCI	HKR	04/06/83	/ /	/ /	/ /	/ /	07/31/86	/ /	/ /	0	0	
E351	CABLE SET SYSTEM SPEC	2	E351	ACTIVE	JCI	EAC	01/01/85	/ /	/ /	/ /	/ /	08/30/86	/ /	/ /	0	0	

CURRENT PROJECT STATUS
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E353	MUD INSTRUMENTATION REPOR	2	E353	ACTIVE	JCI		11/01/84	/ /	/ /	/ /	/ /	12/31/86	/ /	/ /	0	0	
E353	WHITESTONE EXPWY REPORT	1	E353	ACTIVE	JCI	EAC	01/01/86	/ /	/ /	/ /	/ /	08/30/86	/ /	/ /	0	0	
E353	VANE BORER REPORT	2	E353	ACTIVE	JCI	EAC	06/29/83	/ /	/ /	/ /	/ /	/ /	/ /	/ /	0	0	
E353	PRESSUREMETER REVIEW	2	E353	ACTIVE	JCI	RLS	03/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	0	0	
E354	1-D SETT. PROG. DOCUMENTA	2	E354	ACTIVE	JCI		03/20/86	/ /	/ /	/ /	/ /	12/31/86	/ /	/ /	0	0	
M304.00.701	RTE. 212 SHADY	2	E352	BACKLOG	EDK		03/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	TOP OF WALL IS SURVEYED FOR DISPLACEMENT TWICE A YEAR. DESIGN REPORT TO BE DONE IN THE NEAR FUTURE.
** Subtotal **															13	1	
** CATEGORY RESEARCH & DEVELOPMENT																	
0735.19.321	ELASTIZELL STR. CMPARISN	2	E401	COMPLETED	RLS	RLS	09/01/85	/ /	/ /	/ /	/ /	09/01/86	/ /	/ /	1	0	Strength comparison between 7 & 28 day set types. Field testing done. Creating database.
E303A	MUD 3 REPORT (design)	2	E303	BACKLOG	FA	REG	12/01/84	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	1ST Draft in progress.
E303B	MUD 3 REPORT (const.)	2	E303	ACTIVE	FA	RLS	01/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Stage construction w/wick drains.
E352C	TRB MANUAL-FOUNDATIONS #2	2	E353	ACTIVE	FA		02/01/86	/ /	/ /	/ /	/ /	08/01/86	/ /	/ /	2	1	#1 TRB PAPER out. #2 BUREAU REPORT --Bureau review completed.
E353D	DRILL LOG INTERPRETATION	2	E353	ACTIVE	FA	WSJ	07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Additional research in progress as of 2/25/86. NO ACTIVITY DURING MAY.
E353E	RECHARGE BASINS REPORT	2	E353	BACKLOG	JTS		08/01/83	/ /	/ /	/ /	/ /	12/31/86	/ /	/ /	1	0	RFS WILL COMPLETE MANUAL.
E353F	CLAY EMBANKMENT STUDY	2	E353	ACTIVE	EDK	REG	03/01/85	/ /	/ /	/ /	/ /	06/30/86	/ /	/ /	1	0	QUESTIONNAIRE RESPONSES EVALUATED. LITERATURE REVIEW COMPLETED. BUREAU TESTING IS BEING EVALUATED.
E353G	DUTCH CONE INTERP	2	E353	BACKLOG	FA		07/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	No ACTIVITY.

CURRENT PROJECT STATUS
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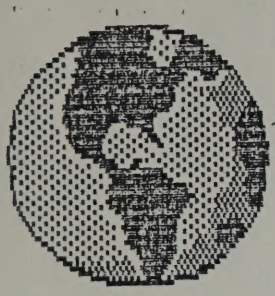
E353H	CONSTANT RATE OF STRAIN	2	E353	ACTIVE	JTS	RJS	12/01/85	/ /	/ /	/ /	/ /	11/01/86	/ /	/ /	1	0	LAB TESTING IN PROGRESS.
E353I	Pp VS STRENGTH FOR ORG L	2	E353	ACTIVE	FA	WSJ	12/01/85	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Literature research in progress (2/25/86)
E353L	CLOSE SEQ.EXC. & BACKFILL	2	E353	NEW	FA	WSJ	03/19/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	WAITING FOR REVIEW OF PROJECT SAMPLE BEFORE PROCEEDING.
E354	BMDP STAT. SOFTWARE	2	E354	COMPLETED	EDK	JSD	04/01/85	/ /	/ /	/ /	/ /	/ /	/ /	01/31/86	1	1	Users guide for statistical software.
E354J	COMPUTER DEVELOPMENT	2	E354	ACTIVE	EDK	REG	08/01/82	/ /	/ /	/ /	/ /	/ /	/ /	/ /	1	0	Ongoing
E362K	PILE SKIN FRIC. IN CLAY	2	E362	COMPLETED	RLS	RLS	03/01/84	/ /	/ /	/ /	/ /	01/01/90	09/01/85	/ /	1	0	Long term study. Literature review in progress.
E362K	TRIAX. CU EXTENSION TEST	2	E362	ACTIVE	JTS		03/01/86	/ /	/ /	/ /	/ /	/ /	/ /	/ /	0	0	WORK PLAN IN PREPARATION.
** Subtotal **															15	2	
*** Total ***															67	22	



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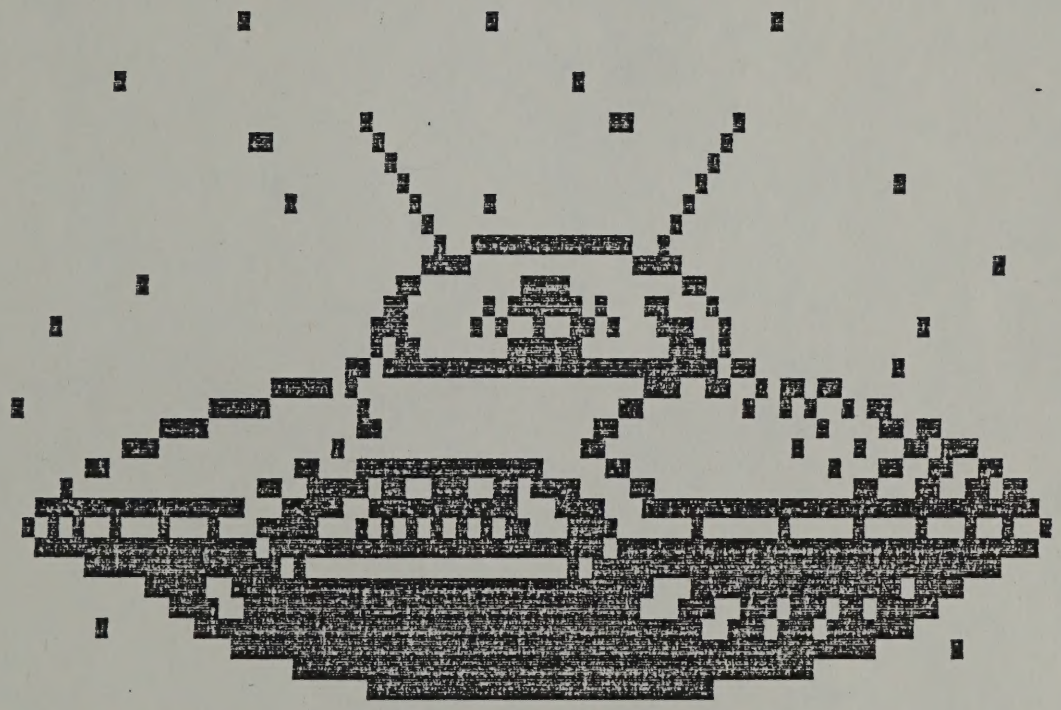

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